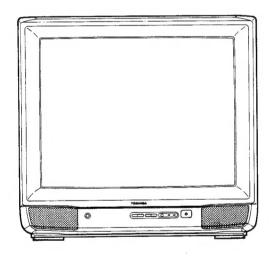
SERVICE DATA FILE NO. 053-396 4-SYSTEM

TOSHIBA COLOUR TELEVISION 2503SFZ

2503SFZ is the same as 2502SFT except for the cabinet parts.
Use this service data together with the service data for 2502SFT (File No. 050-396).

REPLACEMENT PARTS LIST



Location No.	Part No.	Description
A201S A231 A235 A401 A411 A701 A702 A703 Y101	23419565 23443476 23443477 23423590 23567933 23524081 23934122 23934123 23561606	Front Cover Knob, POWER Knob, UP-DOWN Back Cover Label, Model No., B/C Carton Box Packing, Bottom Packing, Top Owner's Manual

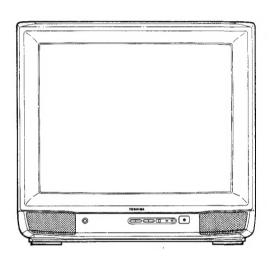
TOSHIBA CORPORATION

SERVICE DATA FILE NO. 050-396 4-SYSTEM



TOSHIBA COLOUR TELEVISION 2502SFT

Specifications are subject to change without notice.



SPECIFICATIONS		
Input Power Rating:	92 watts, AC 220 volts, 50 Hz	
Aerial Input Impedance:	75 ohm unbalanced type for VHF and UHF	
Receiving Channels:	SECAM-L Standard: VHF channels B to C, 1 to 6, B to Q (70 to 86) UHF channels 21 to 69 PAL B/G Standard, SECAM B/G Standard: VHF channels 2 to 4, 5 to 12 and S1 to S20, S21 to S41 UHF channels 21 to 69 PAL I Standard: channels 21 to 68	
Intermediate Frequencies:	Picture I-F carrier frequency: L 38.9 MHz (VH, U) 34.47 MHz(VL) B/G, I 38.9 MHz Sound I-F carrier frequency: L 32.4 MHz (VH, U) 40.97 MHz(VL) B/G 33.4 MHz I 32.9 MHz	
Picture Tube:	25 inches, A59ECY13X31, 510 mm (measured on diagonal of viewable picture area), 110° deflection	
Sound Output:	3.0 watts (at 10% harmonic distortion) x 2, Max. 4.5 watts x 2	
Speakers:	70 mm x 60 mm oval 2 pcs	
Aux. Terminals:	Headphone Jack, 21 pin socket, S-VIDEO/AUDIO socket, A/V INPUT socket	
Dimensions:	Height 556mm Width 600mm Depth 442mm	
Weight:	26 kg	

SAFETY INSTRUCTIONS

WARNING: BEFORE SERVICING THIS CHASSIS, READ THE "X-RAY RADIATION PRECAUTION", "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" INSTRUCTIONS BELOW.

X-RAY RADIATION PRECAUTION

- 1. The E.H.T. must be checked every time the receiver is serviced to ensure that the C.R.T. does not emit X-ray radiation as result of excessive E.H.T. voltage. The nominal E.H.T. for this receiver is 27.5 kV at zero beam current (minimum brightness) operating at 220V a.c. The maximum E.H.T. voltage permissible in any operating circumstances must not exceed 29.0 kV. When checking the E.H.T., use the 'High Voltage Check' procedure in this manual using an accurate E.H.T. voltmeter.
- The only source of X-RAY radiation in this receiver is the C.R.T. To prevent X-ray radiation, the replacement C.R.T. must be identical to the original fitted as specified in the Parts List.
- 3. Some components used in this receiver have safety related characteristics preventing the C.R.T. from emitting X-ray radiation.

For continued safety, replacement component should only be made after referring the Product Safety Notice below.

SAFETY PRECAUTION

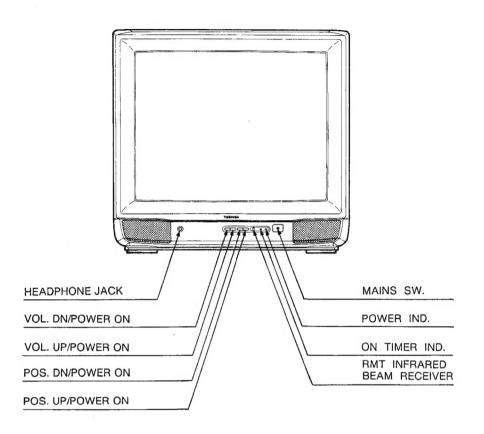
- This receiver has a nominal working E.H.T. voltage of 25.0 kV. Extreme caution should be exercised when working on the receiver with the back removed.
 - Do not attempt to service this receiver if you are not conversant with the precautions and procedures for working on high voltage equipment.
 - When handling or working on the C.R.T., always discharge the anode to the receiver chassis before removing the anode cap
 - The C.R.T., if broken, will violently expel glass fragments. Use shatter proof goggles and take extreme care while handling.
 - Do not hold the C.R.T. by the neck as this is a very dangerous practice.
- It is essential that to maintain the safety of the customer all cable forms be replaced exactly as supplied from factory.

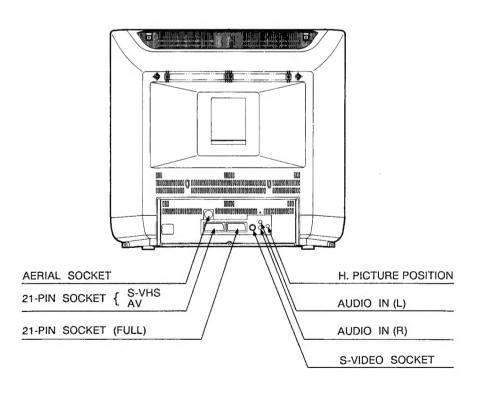
- 3. A small part of the chassis used in this receiver is, when operating, at approximately half mains potential at all times. It is therefore essential in the interest of safety that when serving or connecting any test equipment the receiver should be supplied via a suitable isolating transformer of adequate rating.
- Replace blown fuses within the receiver with the fuse specified in the parts list.
- 5. When replacing wires or components to terminals or tags, wind the leads around the terminal before soldering. When replacing safety components identified by the international hazard symbols on the circuit diagram and parts list, it must be a Toshiba approved type and must be mounted as the original.
- Keep wires away from high temperature components.

PRODUCT SAFETY NOTICE

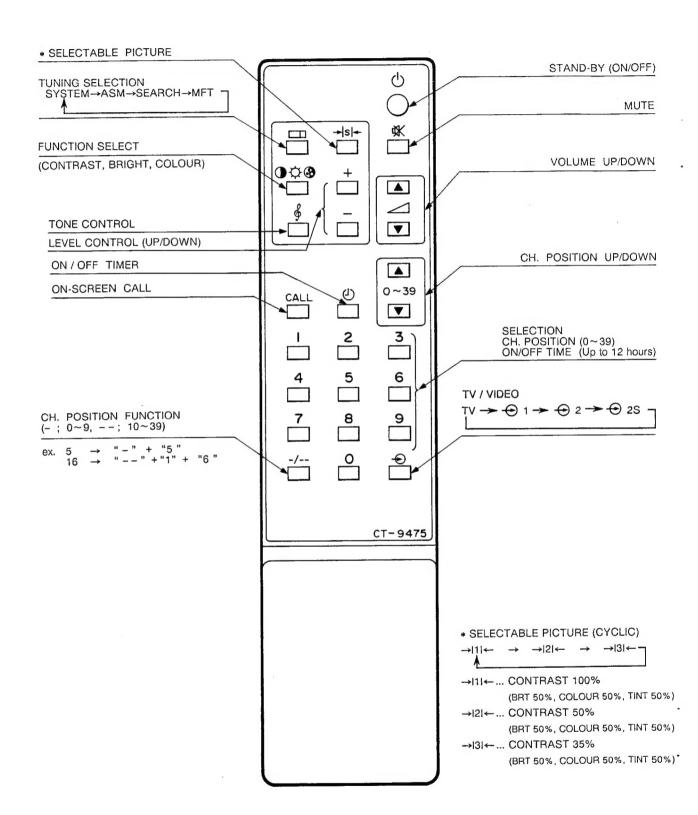
Many electrical and mechanical components in this chassis have special safety-related characteristics. These characteristics are often passed unnoticed by a visual inspection and the X-ray radiation protection afforded by them cannot necessarily be obtained by using replacements rated at higher voltages or wattage, etc.Components which have these special safety characteristics in this manual and its supplements are identified by the international hazard symbols on the schematic diagram and parts list. Before replacing any of these components read the parts list in this manual carefully. Substitute replacement components which do not have the same safety characteristics as specified in the parts list may create X-ray radiation.

FRONT CONTROLS AND REAR VIEWS





REMOTE HAND HELD UNIT



WARNING: BEFORE SERVICING THIS CHASSIS, READ THE "X-RAY RADIATION PRECAUTION", "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" ON PAGE 2 OF THIS MANUAL.

INSTALLATION AND SERVICE ADJUSTMENTS

GENERAL INFORMATIONS

All adjustments are thoroughly checked and corrected when the receiver leaves the factory. Therefore the receiver should operate normally and produce proper colour and B/W pictures upon installation. However, several minor adjustments may be required depending on the particular location in which the receiver is operated.

This receiver is shipped completely in cardboard carton. Carefully draw out the receiver from the carton and remove all packing materials.

Plug the power cord into a convenient 220 volts 50 Hz AC two pin power outlet. Turn the receiver ON. Check and adjust all the customer controls such as BRIGHTNESS, CONTRAST and COLOUR Controls to obtain natural colour or B/W picture.

AUTOMATIC DEGAUSSING

A degaussing coil is mounted around the picture tube so that external degaussing after moving the receiver is normally unnecessary, providing the receiver is properly degaussed upon installation. The degaussing coil operates for about 1 second after the power to the receiver is switched ON. If the set is moved or faced in a different direction, the power switch must be switched off at least one hour in order that the automatic degaussing circuit operates properly. Should the chassis or parts of the cabinet become magnetized to cause poor colour purity, use an external degaussing coil. Slowly move the degaussing coil around the faceplate of the picture tube, the sides and front of the receiver and slowly withdraw the coil to a distance of about 2 m before disconnecting it from AC source. If colour shading still persists, perform the COLOUR PURITY ADJUSTMENT and CONVERGENCE ADJUSTMENTS procedures.

+ 120 VOLT POWER SUPPLY ADJUSTMENT (R851)

CAUTION: +B voltage closely relates to the high voltage. To prevent hazardous X-RAY RADIATION, the +B voltage must be properly adjusted to +120 volts.

- Tune in an active channel. Adjust the BRIGHTNESS and CONTRAST Controls for normal picture.
- Check that the AC power Line voltage is normal. (AC 220 volts, 50 Hz)
- 3. Connect a digital voltmeter to both leads of C451.
- 4. Adjust R851 for 120V reading on the meter.
- 5. Remove the digital voltmeter.

HIGH VOLTAGE CHECK

CAUTION: There is no HIGH VOLTAGE ADJUSTMENT on this chassis.

- Connect an accurate high voltage meter to the second anode of the picture tube.
- Turn on the receiver. Set the BRIGHTNESS and CONTRAST Controls to minimum (zero beam current).
- 3. High voltage will be measured below 29.0 kV.
- Rotate the BRIGHTNESS Control to both extremes to be sure the high voltage does not exceed the limit of 29.0 kV under any conditions.

HEIGHT ADJUSTMENT

- Receive the WG PHILIPS pattern, and set the contrast and colour to minimum, and the brightness to centre.
- Change the VERT POSITION SW (S301) so the round shape in the pattern is located in the centre of screen.
- HEIGHT Control (R351) changes the size of the picture or pattern, having an equal effect on the top and bottom. Make final adjustment to overscan the mask 2 cm at top and bottom.

HORIZONTAL CENTRE ADJUSTMENT

- 1. Receive the WG PHILIPS pattern.
- Set the contrast and colour to minimum, and the bringhtness to centre.
- Adjust H. CENTRE USER Control (R452) to the click (centre) position.
- 4. Adjust H. CENTRE SUB Control (R451) so the pattern centre can be located at the screen centre.

FOCUS ADJUSTMENT

Adjust FOCUS Control on FLYBACK TRANS.(T46) for well defined scanning lines in the centre area on the screen.

R-F AGC ADJUSTMENT

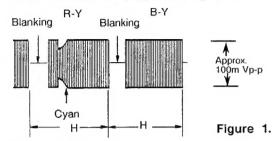
- 1. Tune the set in the strongest station in your area.
- Turn RF AGC Control (R151) on PIF Board to fully counterclockwise position.
- Adjust RF AGC Control clockwise until noise (snow) disappears on the screen.

BELL COIL (LM01) ADJUSTMENT

1. Receive SECAM colour bar signal.

Connect the synchroscope to the terminal pin 2 of

3. Adjust LM01 for the flat level of amplitude in each colour bar waveform on the scope. (See figure 1.)



IDENT COIL (LM04) ADJUSTMENT

Receive SECAM colour bar signal. Connect the DC voltmeter (Digital Voltmeter) to the pin 23 of IC501.

Adjust LM04 for the maximum indication (approx. DC10V) on the meter.

B-Y, R-Y DEMOD COIL (LM02, LM03) ADJUSTMENT

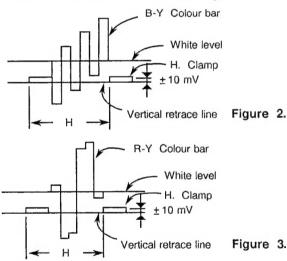
Receive SECAM colour bar signal.

- Set the COLOUR, BRIGHTNESS and CONTRAST Controls free.
- Connect the synchroscope to the pin 62 of IC501.
- 4. Adjust LM02 so that the white level in picture part reaches to the vertical retrace line. (See figure 2.)

Then change the connection of synchroscope from

the pin 62 to the pin 60 of IC501.

6. Adjust LM03 so that the white level in picture part reaches to the vertical retrace line. (See figure 3.)



PAL MATRIX ADJUSTMENT

- 1. Tune in the colour programme of the Philips pattern.
- 2. Set the COLOUR Control to obtain the proper colour.
- 3. If the PAL MATRIX adjustment is incorrect, the Venetian Blind would appear in the colour bars area. This case needs the adjustment.
- 4. At the first, adjust DL PHASE ADJ. Coil (L551) to minimize the Venetian Blind.
- 5. Next adjust 1H-DL ADJ. VR (R551) to minimize the Blind.
- 6. If the Venetian Blind still remains, adjust 1H-DL PHASE ADJ. Coil (L551) to minimize the Blind

7. Repeat the item 5 and 6 procedures, adjust the R551 and L551 until the Blind does not appear.

CRT GREY SCALE ADJUSTMENT

- 1. Tune in an active channel.
- 2. Turn the SCREEN Control (on T461) fully counterclockwise.
- 3. Set the RED, GREEN and BLUE CUT OFF Controls (R557, R558, R559) counterclockwise to the minimum position.
- 4. Set the GREEN and BLUE DRIVE Controls (R252, R253) to the mid position.
- 5. Set the CUT OFF SW. (S202) in the H. line position.
- Short temporarily terminal of RASTER CHIP on the CRT DRIVE Board.
- 7. Set the CONTRAST, COLOUR Controls to minimum. and BRIGHTNESS Control to centre.
- 8. Rotate the SCREEN Control gradually clockwise until the first horizontal line of a colour (RED, GREEN or BLUE) appears slightly on the screen. Set the SCREEN Control to this position.
- 9. Open the terminal of RASTER CHIP on the CRT DRIVE Board.
- 10. Adjust the CUT OFF Controls to obtain the slightly lighted horizontal lines in the same levels of three colours (RED, GREEN and BLUE). The lines may look like white if the CUT OFF Controls are adjusted properly.
- 11. Return the CUT OFF SW. (S202) in the receiving position.
- 12. Set the BRIGHTNESS Control to the maximum.
- 13. Adjust the BLUE and GREEN DRIVE Controls (R252/R253) to obtain proper white-balanced picture in high light areas.
- 14. Set the BRIGHTNESS and CONTRAST Controls to obtain dark grey raster. Then check the white balance in low brightness. If the white balance is not proper, retouch the CUT OFF Controls and DRIVE Controls to obtain a good white balance in both low and high light areas.

SUB-BRIGHTNESS ADJUSTMENT

- Tune in a colour programme.
- 2. Set the CONTRAST Control to the maximum and the BRIGHTNESS Control to the centre.
- Set the COLOUR Control to the minimum.
- 4. Set the SUB-BRIGHT. Control (R255) to the centre and leave the receiver for five minutes in this state.
- 5. Watching the picture well, adjust the SUB-BRIGHT. Control in the position where the picture does not show evidence of blooming in high bright area and not appear too dark in low bright portion.
- 6. Check the proper picture variation by rotating the CONTRAST and BRIGHTNESS Controls to both extremes.
- 7. If the picture does not appear dark with the CONTRAST and BRIGHTNESS Controls turned to the minimum, or not appear bright with the controls turned to the maximum, adjust the SUB-BRIGHT. Control again for the acceptable picture.

-6-

PICTURE I-F SWEEP ALIGNMENT

GENERAL	Refer to figure 4 for test equipment connection.
	 Supply +12 volts to the IF Board.
	2. Connect pin 12 of P101 to +12 V.
	3. Connect pin 24 of IC101 to ground through a capacitor 10 μ F.
	4. Connect pin 29 of IC101 to ground.
SWEEP/MARKER GENERATOR	Connect to pin 6 of P101 as shown in figure 4 on the IF Board.
	Set to 30 \sim 40 MHz sweep with signal level of 75 \sim 85 dB μ .
OSCILLOSCOPE	Connect to pin 1 of IC101 on the IF Board through the detector.

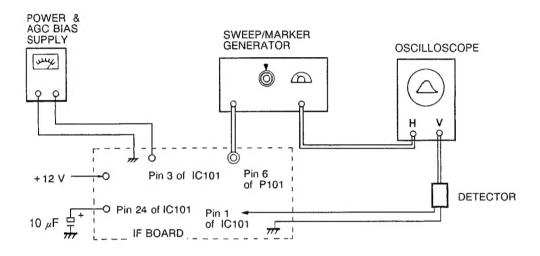


Figure 4. Picture IF Sweep Alignment

STEP	SWEEP/MARGER GENERATOR	ADJUST	REMARKS
Detector Coil	38.9 MHz Marker "ON"	L151	 Connet pin 10 of P101 on the IF Board to +12 V. Supply +2 to +3 volts to pin 3 of IC101 to set the output level for 0.4 Vp-p on the scope. Adjust L151 so that the marker (38.9 MHz) on the response can get zero beat with free-run frequency. (See figure 5.) Remove the short of the pin 10 of P101. After completing CN51 adjustment, repeat this step again.
2. Detector Capacitor			
After co Board, a	After completing the above steps, disconnect the equipment and re-solder the liniks on the Main Board, and adjust the AGC Delay control (R151) following DELAYED RF AGC ADJUSTMENTS.		

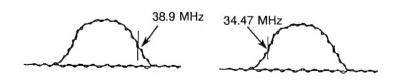


Figure 5. Magnified Response Curve

AFC ALIGNMENT

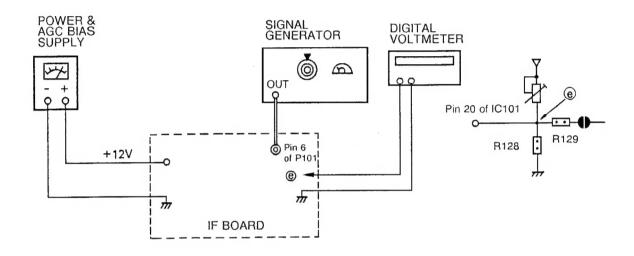


Figure 6. AFC Alignment

STEP	SIGNAL GENERATOR	ADJUST	REMARKS
1. AFC Balance (R153)	NO SIGNAL	R153	 Short the pin 3 of IC101 to ground. Adjust R153 for 4.5 volts at the point @ in figure 6.
2. AFC Coil (L153)	38.9 MHz CARRIER WAVE (Level : 75 to 85 dB _μ)	L153	 Remove the short of pin 3 of IC101. Apply +12 V to pin 10 of P101. Connect IF carrier wave to the pin 6 of P101 in figure 6. Adjust L153 for 4.3 volts on the meter at the point ®. After completing L152 adjustment, repeat this step again.
3. AFC Capacitor (L152)	34.47 MHz CARRIER WAVE (Level : 75 to 85 db _μ)	L152	 Connect pin 10 of P101 to ground. Connect IF carrier wave to the pin 6 of P101 in figure 6. Adjust L152 for 4.3 volts on the meter at the point ®. After completing L153 adjustment, repeat this step again.

SECAM DET-OUT & SOUND IF ALIGNMENT

L SECAM DET-OUT (R152) ADJUSTMENT

- 1. Disconnect the IF Board from the Main Board.
- 2. Supply +12 V to the IF Board.
 - 2-1 Short the base of QN15 to ground.
 - 2-2 Connect pin 12 of P101 to ground.
- 3. Set AGC to Self AGC condition. 4. Connect synchroscope to the emitter of Q103
- through 10:1 probe.
- 5. Connect the 2-signal generator to IF input, and set up the generator as described below.
 - IF frequency

38.9 MHz

Signal level

Picture

75 to 85 dB_μ

Video modulation

Positive modulation:

97%

Video signal fH

15.625 kHz Pattern with 100% white

6. Adjust the AC LEVEL Control (R152) for 2.0Vp-p on

the scope.

I-PAL SIF DET (L652) ADJUSTMENT

- 1. Disconnect the SIF Board from the Main Board.
- 2. Supply +12V to pin 1 and pin 11 of P601.
- 3. Connect SIF generator to base of Q602 through 0.01 μF capacitor.
- 4. Connect the oscilloscope to pin 3 of P601.
- 5. Set up the SIF generator as described below.

Sound carrier frequency:

6.0 MHz

Modulation frequency Frequency deviaiton

1000 Hz ±15 kHz

 $80 dB_{\mu}$

Signal level

(50 ohm load)

6. Adjust L652 for the maximum response of 1000 Hz det-out on scope.

B/G-PAL SOUND DET (L651) ADJUSTMENT

- 1. Disconnect the SIF Board from the Main Board.
- 2. Supply +12V to pin 1 of P601 and connect pin 11 of P601 to ground.
- 3. Connect the SIF generator to base of Q602 through 0.01 μF capacitor.
- 4. Connect the oscilloscope to pin 3 of P601.
- 5. Set up the SIF generator as described below.

Sound carrier frequency:

5.5 MHz

Modulation frequency

1000 Hz

Frequency deviaiton

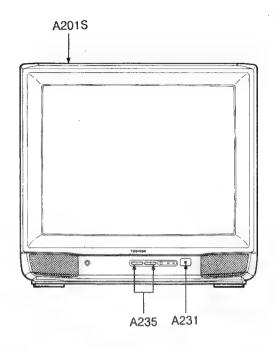
±15 kHz

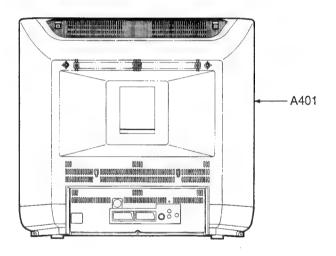
Signal level

80 dB_{\(\mu\)}

(50 ohm load) 6. Adjust L651 for the maximum response of 1000 Hz

CABINET REPLACEMENT PARTS LIST





Location No.	Part No.	Description
A201S	23418687	Front Cover
A231	23443476	Button, POWER
A235	23443477	Button, UP-DOWN
A401	23423590	Back Cover
A411	23567315	Label, Model No., B/C
A701	23523726	Carton Box
A702	23934122	Packing, Bottom
A703	23934123	Packing, Top
A710	23567316	Label, Model No., Carton
Y101	23561095	Owner's Manual

CHASSIS REPLACEMENT PARTS LIST

WARNING: BEFORE SERVICING THIS CHASSIS, READ THE "X-RAY RADIATION PRECAUTION", "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" ON PAGE 2 OF THIS MANUAL.

CAUTION: The international hazard symbols in the schematic diagram and the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list. The mounting position of replacements is to be identical with originals. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE on page 2. Do not degrade the safety of the receiver through improper servicing.

NOTICE: The part number must be used when ordering parts, in order to assist in processing, be sure to include the Model number and Description.

ABBREVIATIONS:

Capacitors....... CD : Ceramic Disk PF : Plastic Film EL : Electrolytic CC : Carbon Composition MF : Metal Film OMF : Oxide Metal Film VR : Variable Resistor FR : Fusible Resistor

(All CD and PF capacitors are ±5%, 50V and all resistors, ±5%, 1/6W unless otherwise noted.)

Location No.	Part No.	Description
CAPACITOR	S	
C101	24212102	CD, 1000pF, ±10%
C102	24212102	CD, 1000pF, ±10%
C103	24436101	CD, 100pF
C104	24797220	EL, 22μF, ±20%, 50V
C105	24232103	CD, 0.01μ F, $+80\%$, -20%
C106	24797229	EL, 2.2μF, ±20%, 50V
C100	24590473	PF, 0.047μF
C107	24636010	EL, 1μF, 50V
	24232103	CD, 0.01µF, +80%, -20%
C109	24232103	CD, $0.01\mu\text{F}$, $+80\%$, -20%
C110		EL, 2.2μF, ±20%, 50V
C111	24797229	
C112	24436470	CD, 47pF EL, 0.47µF, ±20%, 50V
C113	24797478	
C114	24794470	EL, 47μF, ±20%, 16V
C115	24232103	CD, $0.01\mu F$, $+80\%$, -20%
C116	24232103	CD, 0.01μF, +80%, -20%
C117	24085939	EL, 4.7μ F, $\pm 20\%$, 25 V,
		Non-Polar
C119	24232103	CD, 0.01μ F, $+80\%$, -20%
C120	24212222	CD, 2200pF, ±10%
C121	24085988	EL, 1μ F, $\pm 20\%$, 50 V,
		Non-Polar
C122	24590153	P F , 0.015μF
C123	24797478	EL, 0.47μ F, $\pm 20\%$, 50V
C124	24794101	EL, 100μ F, $\pm 20\%$, 16 V
C125	24232103	CD, 0.01μ F, $+80\%$, -20%
C126	24212152	CD, 1500pF, ±10%
C127	24794471	EL, 470μF, ±20%, 16V
C160	24212102	CD, 1000pF, ±10%
C162	24212102	CD, 1000pF, ±10%
C163	24212102	CD, 1000pF, ±10%
C164	24232103	CD, 0.01μ F, $+80\%$, -20%
C165	24212102	CD, 1000pF, ±10%
C166	24212102	CD, 1000pF, ±10%
C169	24232103	CD, $0.01\mu\text{F}$, $+80\%$, -20%
C170	24212102	CD, 1000pF, ±10%
C180	24212102	CD, 1000pF, ±10%
C181	24212102	CD, 1000pF, ±10%
_	24212102	CD, 1000pF, ±10%
C182	24232103	CD, 1000pf , $\pm 10\%$ CD, $0.01\mu\text{F}$, $+80\%$, -20%
C184	24232103	CD, 0.01μ1, 1 0070, 2070

Location No.	Part No.	Description
C185	24212102	CD, 1000pF, ±10%
C201	24797100	EL, 10μF, ±20%, 50V
C202	24795101	EL, 100μF, 25V
C203	24232103	CD, 0.01μ F, $+80\%$, -20%
C204	24797220	EL, 22μF, ±20%, 50V
C205	24636478	EL, 0.47μF, 50V
C208	24212102	CD, 1000pF, ±10%
C209	24232103	CD, 0.01μ F, $+80\%$, -20%
C210	24797100	EL, 10μ F, $\pm 20\%$, $50V$
C211	24212561	CD, 560pF, ±10%
C212	24538224	PF, 0.22μF
C213	24590104	PF, 0.1μF
C214	24794101	EL, 100μF, ±20%, 16V
C240	24538474	PF, 0.47μF
C241	24794100	EL, 10μF, ±20%, 16V
C301	24797229	EL, 2.2μ F, $\pm 20\%$, $50V$
C302	24212152	CD, 1500pF, ±10%
C303	24617912	EL, 2.2μ F, $\pm 10\%$, 50V
C304	24212102	CD, 1000pF, ±10%
C306	24603563	PF, 0.056μF, ±10%, 100V
C307	24232103	CD, 0.01μ F, $+80\%$, -20%
C312	24590243	PF, 0.024μF
C313	24668101	EL, 100μ F, $\pm 20\%$, 35 V
C314	24796102	EL, 1000μF, 35V
C315	24214221	CD, 220pF, ±10%, 500V
C316	24667332	EL, 3300μ F, $\pm 20\%$, 25 V
C317	24617912	EL, 2.2μ F, $\pm 10\%$, 50V
C318	24082049	PF, 0.047μF, 100V
C319	24693224	
C321	24214391	CD, $390pF$, $\pm 10\%$, $500V$
C327	24693224	PF, 0.22μF, 100V
C328	24212272	CD, 2700pF, ±10%
C330	24796470	EL, 47μF, 35V
C360	24095945	PF, 0.47μF, 200V
C362	24212152	CD, 1500pF, ±10%
C363	24095948	PF, 0.36μF, 200V
C364	24212471	CD, 470pF, ±10%
C365	24797470	EL, 47μ F, $\pm 20\%$, $50V$
C366	24593182	PF, 1800pF
C368	24590104	PF, 0.1μF
C373	24590273	PF, 0.027μF

Location No.	Part No.	Description
C274	24538474	PF, 0.47μF
C374		CD, 270pF
C402	24353271	EL, 3.3μF, ±20%, 50V
C403	24797339	
C405	24590203	PF, 0.02μF
C406	24590203	PF, 0.02μF
C407	24590243	PF, 0.024μF
C408	24797100	EL, 10μF, ±20%, 50V
C409	24232103	CD, 0.01μ F, $+80\%$, -20%
C412	24590182	PF, 1800pF
C413	24590182	PF, 1800pF
C414	24212471	CD, 470pF, ±10%
C416	24214271	CD, 270pF, ±10%, 500V
C417	24214332	CD, 3300pF, ±10%, 500V
C418	24790100	EL, 10μF, ±20%, 160V
C423	24232103	CD, 0.01μ F, $+80\%$, -20%
		EL, 47μF, ±20%, 25V
C424	24795470	
C425	24794101	EL, 100μF, ±20%, 16V
⚠ C440	24095888	PF, 0.01μ F, $\pm 3\%$, $1600V$
C441	24214221	CD, 220pF, ±10%, 500V
C443	24214221	CD, 220pF, ±10%, 500V
C445	24095903	PF, 0.056μ F, $\pm 10\%$, 250V
∧ C446	24829273	PF, 0.027μF, 400V
C447	24700479	EL, 4.7μ F, $\pm 20\%$, 250V
C448	24795102	EL, 1000μF, ±20%, 25V
C449	24794471	EL, 470µF, ±20%, 16V
C451	24640962	EL, 33μF, ±20%, 200V
∆ C463	24212222	CD, 2200pF, ±10%
C464	24092346	CD, 1200pF, ±10%, 2kV
	24095946	PF, 0.43μF, 200V
C465		EL, 1μF, ±20%, 200V
C466	24640933	
C470	24212102	CD, 1000pF, ±10%
C502	24797100	EL, $10\mu F$, $\pm 20\%$, $50V$
C503	24436101	CD, 100pF
C504	24436101	CD, 100pF
C505	24590273	PF, 0.027μF
C506	24232103	CD, 0.01μ F, $+80\%$, -20%
C507	24590103	PF, 0.01μF
C508	24085944	EL, 2.2μ F, $\pm 20\%$, 50 V,
		Non-Polar
C509	24797220	EL, 22μ F, $\pm 20\%$, 50V
C510	24232103	CD, 0.01μ F, $+80\%$, -20%
C511	24232103	CD, 0.01μ F, $+80\%$, -20%
C512	24353200	CD, 20pF
C512	24353330	CD, 33pF
	24353330	EL, 22μF, ±20%, 50V
C515		PF, 0.1μF
C516	24590104	
C517	24590104	PF, 0.1μF
C518	24232103	CD, 0.01μF, +80%, -20%
C519	24232103	CD, 0.01μ F, $+80\%$, -20%
C520	24797478	EL, 0.47μ F, $\pm 20\%$, 50V
C521	24538474	PF, 0.47μF
C522	24538474	PF, 0.47μF
C523	24538474	PF, 0.47μF
C524	24232103	CD, 0.01μ F, $+80\%$, -20%
C525	24436820	CD, 82pF
C526	24436820	CD, 82pF
C527	24436820	CD, 82pF
	24796220	EL, 22μF, ±20%, 35V
C530		CD, 30pF
C532	24436300	•
C533	24436330	CD, 33pF
C534	24436200	CD, 20pF
C535	24636100	EL, 10μF, 50V
C555		
C536	24636478	EL, 0.47μF, 50V EL, 100μF, ±20%, 16V

Location	Part No.	Description
No.	1 410 140.	Description
C539	24232103	CD, 0.01μF, +80%, -20%
C540	24633100	EL, 10μF, 16V
C550	24232103	CD, 0.01μF, +80%, -20%
C551	24212102	CD, 1000pF, ±10%
C601	24212102	CD, 1000pF, ±10%
C603	24232103	CD, 0.01μ F, $+80\%$, -20%
C604	24794470	EL, 47μF, ±20%, 16V
C605	24598911	PF, 910pF
C606	24598821	PF, 820pF
		·
C607	24590104	PF, 0.1μF
C608	24797100	EL, 10μF, ±20%, 50V
C609	24232103	CD, 0.01μF, +80%, -20%
C610	24232103	CD, 0.01μF, +80%, -20%
C611	24232103	CD, 0.01µF, +80%, -20%
C612	24436470	CD, 47pF
C613	24436470	CD, 47pF
C614	24232103	CD, 0.01μF, +80%, -20%
C615	24590473	PF, 0.047μF
C616	24590473	PF, 0.047μF
C617	24232103	CD, 0.01μF, +80%, -20%
C651	24590683	PF, 0.068µF
C653	24590683	PF, 0.068µF
C661	24085031	EL, 1µF, ±20%, 25V,
		Non-Polar
C664	24593102	PF, 1000pF
C665	24636229	EL, 2.2μF, 50V
C666	24636010	EL, 1μF, 50V
C667	24633470	EL, 47μF, 16V
	24085031	
C668	24060031	EL, 1μF, ±20%, 25V,
		Non-Polar
C669	24232103	CD, 0.01μF, +80%, -20%
C671(U101)	24212102	CD, 1000pF, ±10%
C671(U903)	24797470	EL, 47μF, ±20%, 50V
C672	24633100	EL, 10μF, 16V
C673	24593102	PF, 1000pF
C674	24636010	EL, 1μF, 50V
C675	24636010	EL, 1μF, 50V
C676	24636010	EL, 1μF, 50V
C677	24795101	EL, 100μF, 25V
C678	24636229	EL, 2.2μF, 50V
C679	24795101	EL, 100μF, 25V
C680	24636229	EL, 2.2μF, 50V
C681		EL, 100μF, 25V
	24795101	
C683	24795470	EL, 47μF, ±20%, 25V
C684	24795471	EL, 470μF, ±20%, 25V
C685	24795102	EL, 1000μF, ±20%, 25V
C689	24795470	EL, 47μF, ±20%, 25V
C690	24795471	EL, 470μF, ±20%, 25V
C692	24636010	EL, 1μF, 50V
C693	24794100	EL, 10µF, ±20%, 16V
C699	24795470	EL, 47μF, ±20%, 25V
C801	24098999	PF, 0.1μF, ±20%, AC250V
C802	24098999	PF, 0.1μF, ±20%, AC250V
C805	24094656	CD, 2200pF, ±20%, AC400V
C806	24094656	CD, 2200pF, ±20%, AC400V
C815	24092281	CD, 4700pF, ±20%, AC250V
C816	24092281	CD, 4700pF, ±20%, AC250V
C817	24092281	CD, 4700pF, ±20%, AC250V
C818	24092281	CD, 4700pF, ±20%, AC250V
C820	24086856	EL, 270μF, ±20%, 400V
C821	24436101	CD, 100pF
C822	24797100	EL, 10μF, ±20%, 50V
C823	24590682	PF, 6800pF
	24630747	EL, 22μF, ±20%, 25V
C824	24030747	LL, εεμι, ±20/0, 20V

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Location	Part No.	Description
No.	Tare 140.	2000,1511011
C825	24212102	CD, 1000pF, ±10%
C826	24092339	CD, 330pF, ±10%, 2kV
C827	24232103	CD, 0.01μF, +80%, -20%
C828	24095914	PF, 2200pF, ±3%, 1600V
C829	24797010	EL, 1μF, ±20%, 50V
	24797101	EL, 100µF, ±20%, 50V
C830		CD, 330pF
C831	24436331	
C832	24590822	PF, 8200pF
C833	24092336	CD, 180pF, ±10%, 2kV
C834	24086939	EL, 330μF, ±20%, 200V
C835	24797220	EL, 22μF, ±20%, 50V
C836	24214331	CD, 330pF, ±10%, 500V
C837	24795222	EL, 2200μF, 25V
C901	24644479	EL, 4.7μF, 250V
C902	24095923	PF, 4700pF, 1600V
	24212331	CD, 330pF, ±10%
CA01		
CA07	24212102	CD, 1000pF, ±10%
CA08	24232103	CD, 0.01µF, +80%, -20%
CA09	24794470	EL, 47μF, ±20%, 16V
CA10	24232103	CD, 0.01μF, +80%, -20%
CA11	24212472	CD, 4700pF, ±10%
CA12	24212561	CD, 560pF, ±10%
CA13	24794100	EL, 10μF, ±20%, 16V
CA14	24794470	EL, 47μF, ±20%, 16V
CA15	24232103	CD, 0.01µF, +80%, -20%
CA16	24232103	CD, 0.01µF, +80%, -20%
CA17	24232103	CD, $0.01\mu\text{F}$, $+80\%$, -20%
		CD, 0.01μF, +80%, -20%
CA18	24232103	
CA19	24232103	CD, 0.01µF, +80%, -20%
CA20	24797010	EL, 1μF, ±20%, 50V
CA21	24436391	CD, 390pF
CA22	24436221	CD, 220pF
CA23	24538104	PF, 0.1μF
CA24	24538104	PF, 0.1μF
CA25	24797229	EL, 2.2μF, ±20%, 50V
CA26	24232103	CD, 0.01μF, +80%, -20%
CA27	24590104	PF, 0.1μF
CA28	24538104	PF, 0.1μF
CA30	24797479	EL, 4.7μF, ±20%, 50V
	24232103	CD, 0.01µF, +80%, -20%
CA31		EL, 470μF, ±20%, 16V
CA32	24794471	
CA34	24212102	CD, 1000pF, ±10%
CA36	24590104	PF, 0.1μF
CA41	24636479	EL, 4.7μF, 50V
CH01	24797010	EL, 1μF, ±20%, 50V
CH02	24797010	EL, 1μ F, $\pm 20\%$, 50V
CH03	24797010	EL, 1μ F, $\pm 20\%$, $50V$
CH04	24797010	EL, 1μ F, $\pm 20\%$, 50 V
CH05	24797010	EL, $1\mu F$, $\pm 20\%$, $50V$
CH06	24797010	EL, 1μF, ±20%, 50V
CH07	24797100	EL, 10μF, ±20%, 50V
CM01	24436221	CD, 220pF
1 .	24436221	CD, 220pF
CM02		CD, 220μl CD, 0.01μF, +80%, -20%
CM05	24232103	
CM06	24357270	CD, 27pF
CM07	24590563	PF, 0.056μF
CM08	24232103	CD, 0.01μF, +80%, -20%
CM10	24436270	CD, 27pF
CN02	24436150	CD, 15pF
CN07	24436360	CD, 36pF
CN09	24232103	CD, 0.01μ F, $+80\%$, -20%
CN10	24436101	CD, 100pF
CN11	24353080	CD, 8pF, ±0.25pF
CN12	24353220	CD, 22pF
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Contain No. Part No. Description			
No. CN13		Part No.	Description
CN16 CN17 CN17 CN17 CN17 CN17 CN210 CN210 CN22 CN22103 CN CN CN22 CN51 CN51 CN51 CN51 CN51 CN51 CN51 CN51	No.		•
CN16 CN17 24212102 CD, 1000pF, ±10% CN17 24212103 CD, 0.01µF, +80%, -20% CN22 24232103 CD, 0.01µF, +80%, -20% CN51 24094959 CN51 CV01 24797229 EL, 2.2µF, ±20%, 50V CV02 24797229 EL, 2.2µF, ±20%, 50V CV04 24797229 EL, 2.2µF, ±20%, 50V CV05 24797229 EL, 2.2µF, ±20%, 50V CV06 24797100 CV07 CV07 24797100 EL, 10µF, ±20%, 50V CV08 24797229 EL, 2.2µF, ±20%, 50V CV09 24797100 EL, 10µF, ±20%, 50V CV09 24797100 EL, 10µF, ±20%, 50V CV10 24797100 EL, 10µF, ±20%, 50V CV10 24797100 EL, 10µF, ±20%, 50V CV11 24797229 EL, 2.2µF, ±20%, 50V CV11 24797229 EL, 2.2µF, ±20%, 50V CV11 24797100 EL, 10µF, ±20%, 50V CV11 24797100 EL, 10µF, ±20%, 50V CV11 24797229 EL, 2.2µF, ±20%, 50V CV12 24797100 EL, 10µF, ±20%, 50V CV13 24797100 EL, 10µF, ±20%, 50V CV16 24232103 CD, 0.01µF, ±20%, 50V CV16 24232103 CD, 0.01µF, +80%, -20% CV18 24794100 EL, 10µF, ±20%, 16V CV22 24794100 EL, 10µF, ±20%, 16V CV24 24794471 EL, 470µF, ±20%, 16V CV24 24794471 EL, 470µF, ±20%, 16V CV29 24085944 EL, 2.2µF, ±20%, 50V, Non-Polar CV31 24794471 EL, 470µF, ±20%, 16V CV29 24085944 EL, 2.2µF, ±20%, 50V, Non-Polar CV31 24794471 EL, 470µF, ±20%, 16V CV29 24085944 EL, 2.2µF, ±20%, 16V CV29 24085944 EL, 2.2µF, ±20%, 16V CV20 24538474 PF, 0.47µF CX03 24538474 PF, 0.47µF CX03 24538474 PF, 0.47µF CX04 24566122 CF, 2200 ohm R105 24366124 CF, 120k ohm R105 24366125 CF, 1100 ohm R106 24366122 CF, 120k ohm R107 24366101 CF, 10k ohm R108 R109 24366512 CF, 120k ohm R111 24366522 CF, 2200 ohm R111 24366522 CF, 2200 ohm R111 243666501 CF, 110 ohm R112 24366310 CF, 110 ohm R113 24366112 CF, 1100 ohm R114 24366322 CF, 3300 ohm R115 24366110 CF, 47 ohm R119 24366311 CF, 1100 ohm R118 24366311 CF, 1100 ohm R119 24366321 CF, 470 ohm R119 24366331 CF, 330 ohm R122 24366331 CF, 330 ohm R125 24366331 CF, 330 ohm R126 24366331 CF, 330 ohm	CNIAO	04000400	CD 0.01 E + 0.00/ 0.00/
CN17 CN20 CN20 CN212 24232103 CD, 0.01μF, +80%, -20% CN51 24094959 Variable Capacitor, 2 to 12pF, 50V CV01 24797229 EL, 2.2μF, ±20%, 50V CV02 24797229 EL, 2.2μF, ±20%, 50V CV03 24797229 EL, 2.2μF, ±20%, 50V CV04 24797229 EL, 2.2μF, ±20%, 50V CV05 24797229 EL, 2.2μF, ±20%, 50V CV06 24797120 EL, 10μF, ±20%, 50V CV07 CV07 24797100 EL, 10μF, ±20%, 50V CV08 24797229 EL, 2.2μF, ±20%, 50V CV09 24797100 EL, 10μF, ±20%, 50V CV09 CV11 24797100 EL, 10μF, ±20%, 50V CV11 24797102 EL, 2.2μF, ±20%, 50V CV11 24797229 EL, 2.2μF, ±20%, 50V CV10 24797100 EL, 10μF, ±20%, 50V CV11 24797229 EL, 2.2μF, ±20%, 50V CV11 24797229 EL, 2.2μF, ±20%, 50V CV12 24797229 EL, 2.2μF, ±20%, 50V CV13 24797100 EL, 10μF, ±20%, 50V CV14 24797229 EL, 2.2μF, ±20%, 50V CV15 24797100 EL, 10μF, ±20%, 50V CV16 24232103 CD, 0.01μF, ±80%, -20% CV17 24232103 CD, 0.01μF, ±80%, -20% CV17 24232103 CD, 0.01μF, ±80%, -20% CV18 24794100 EL, 10μF, ±20%, 16V CV22 24794100 EL, 10μF, ±20%, 16V CV24 24794471 EL, 470μF, ±20%, 16V CV29 24085944 EL, 2.2μF, ±20%, 50V, Non-Polar CV31 24794471 EL, 470μF, ±20%, 16V CV29 24085944 EL, 2.2μF, ±20%, 50V, Non-Polar CV31 24794471 EL, 470μF, ±20%, 16V CV29 24085944 EL, 2.2μF, ±20%, 50V, Non-Polar CV31 24794471 EL, 470μF, ±20%, 16V CV29 24085944 EL, 2.2μF, ±20%, 16V CV29 24085945 EL, 10μF, ±20%, 16V CV29 24085947 EL, 10μF, ±20%, 16V CV29 24085947 EL, 10μF, ±20%, 16V CV31 24794471 EL, 470μF, ±20%, 16V CV31 2479471 EL, 470μF, ±20%, 16V CV31 EL, 10μF, ±20%,	1		
CN20 24232103 CD, 0.01μF, +80%, -20% CN22 24232103 CD, 0.01μF, +80%, -20% Variable Capacitor, 2 to 12ρF, 50V Variable Capacitor, 2 to 12ρF, 50V Variable Capacitor, 2 to 12ρF, 50V CV02 24797229 EL, 2.2μF, ±20%, 50V CV03 24797229 EL, 2.2μF, ±20%, 50V CV04 24797229 EL, 2.2μF, ±20%, 50V CV05 24797229 EL, 2.2μF, ±20%, 50V CV06 24797100 EL, 10μF, ±20%, 50V CV07 24797100 EL, 10μF, ±20%, 50V CV08 24797229 EL, 2.2μF, ±20%, 50V CV09 24797229 EL, 2.2μF, ±20%, 50V CV09 24797229 EL, 2.2μF, ±20%, 50V CV09 24797229 EL, 2.2μF, ±20%, 50V CV10 24797100 EL, 10μF, ±20%, 50V CV11 24797229 EL, 2.2μF, ±20%, 50V CV11 24797229 EL, 2.2μF, ±20%, 50V CV12 24797229 EL, 2.2μF, ±20%, 50V CV13 24797100 EL, 10μF, ±20%, 50V CV11 24797229 EL, 2.2μF, ±20%, 50V CV12 24797100 EL, 10μF, ±20%, 50V CV13 24797100 EL, 10μF, ±20%, 50V CV16 24232103 CD, 0.01μF, +80%, -20% CV17 24232103 CD, 0.01μF, +80%, -20% CV18 24794100 EL, 10μF, ±20%, 16V CV22 24794100 EL, 10μF, ±20%, 16V CV22 24794100 EL, 10μF, ±20%, 16V CV29 24085944 EL, 2.2μF, ±20%, 50V, Non-Polar CV31 24794471 EL, 470μF, ±20%, 16V CV29 24366124 CF, 10μF, ±20%, 16V CV31 24538474 PF, 0.47μF CX02 24538474 PF, 0.47μF CX03 24538474 PF, 0.47μF CX04 24538474 PF, 0.47μF CX04 24566124 CF, 120k ohm R102 24366124 CF, 120k ohm R104 2436632 CF, 3300 ohm R105 24367103 CF, 10k ohm, ±2% R106 24367103 CF, 10k ohm, ±2% R107 24366302 CF, 3300 ohm R108 24366102 CF, 10k ohm R108 24366102 CF, 10k ohm R111 24366561 CF, 560 ohm R111 24366561 CF, 560 ohm R111 24366610 CF, 100 ohm R116 24366471 CF, 470 ohm R119 24366412 CF, 1100 ohm R116 24366471 CF, 470 ohm R119 24366331 CF, 330 ohm R122 24366331 CF, 330 ohm CF, 100 ohm R112 24366331 CF, 330 ohm CF, 100 ohm CF, 24366331 CF, 330 ohm CF	1		
CN22 24332103 CD, 0.01μF, +80%, -20% CN51 24094959 Variable Capacitor, 2 to 12pF, 50V CV01 24797229 EL, 2.2μF, ±20%, 50V CV02 24797229 EL, 2.2μF, ±20%, 50V CV03 24797229 EL, 2.2μF, ±20%, 50V CV04 24797229 EL, 2.2μF, ±20%, 50V CV05 24797229 EL, 2.2μF, ±20%, 50V CV06 24797100 EL, 10μF, ±20%, 50V CV07 24797100 EL, 10μF, ±20%, 50V CV08 24797229 EL, 2.2μF, ±20%, 50V CV09 24797229 EL, 2.2μF, ±20%, 50V CV10 24797100 EL, 10μF, ±20%, 50V CV11 24797229 EL, 2.2μF, ±20%, 50V CV12 24797100 EL, 10μF, ±20%, 50V CV13 24797101 EL, 10μF, ±20%, 50V CV16 24232103 CD, 0.01μF, +80%, -20% CV17 24232103 CD, 0.01μF, +80%, -20% CV18 24794100 EL, 10μF, ±20%, 16V CV22 24794100 EL, 10μF, ±20%, 16V CV22 24794100 EL, 10μF, ±20%, 16V CV22 24794100 EL, 10μF, ±20%, 16V CV29 24085944 EL, 2.2μF, ±20%, 50V Non-Polar CX03 24538474 PF, 0.47μF CX04 24366124 CF, 120k ohm R103 2436622 CF, 2200 ohm R104 2436632 CF, 3300 ohm R104 2436632 CF, 3300 ohm R108 24366102 CF, 10k ohm £2% CF, 10k ohm R108 24366102 CF, 10k ohm R108 24366102 CF, 10k ohm R111 24366561 CF, 560 ohm R111 24366561 CF, 560 ohm R111 24366561 CF, 560 ohm R111 24366610 CF, 10k ohm R118 24366112 CF, 1100 ohm R117 24366111 CF, 100 ohm R118 24366470 CF, 470 ohm R119 24366611 CF, 100 ohm R119 24366611 CF, 100 ohm R119 2436631 CF, 330 ohm R111 24366611 CF, 100 ohm R119 2436611 CF, 100 ohm R119 2436611 CF, 100 ohm R119 2436631 CF, 330 ohm R111 2436631 CF, 330 ohm R112 2436631 CF, 330 ohm R111 2436631 CF, 330 ohm R112 2436631 CF, 330 ohm R122 2436631 CF, 330 ohm CF, 100 ohm CF, 200 ohm CF	1		
CN51 24094959 Variable Capacitor, 2 to 12pF, 50V CV01 24797229 EL, 22μF, ±20%, 50V CV03 24797229 EL, 22μF, ±20%, 50V CV04 24797229 EL, 22μF, ±20%, 50V CV05 24797229 EL, 22μF, ±20%, 50V CV06 24797100 EL, 10μF, ±20%, 50V CV07 24797100 EL, 10μF, ±20%, 50V CV08 24797229 EL, 22μF, ±20%, 50V CV08 24797229 EL, 22μF, ±20%, 50V CV09 24797229 EL, 22μF, ±20%, 50V CV10 24797100 EL, 10μF, ±20%, 50V CV11 24797229 EL, 22μF, ±20%, 50V CV11 24797229 EL, 22μF, ±20%, 50V CV11 24797229 EL, 22μF, ±20%, 50V CV12 24797229 EL, 22μF, ±20%, 50V CV13 24797100 EL, 10μF, ±20%, 50V CV16 2432103 CD, 0.01μF, +80%, -20% CV17 24232103 CD, 0.01μF, +80%, -20% CV18 24794100 EL, 10μF, ±20%, 16V CV22 24794100 EL, 10μF, ±20%, 16V CV24 24794471 EL, 470μF, ±20%, 16V CV29 24085944 EL, 22μF, ±20%, 50V, Non-Polar CX01 24798471 EL, 470μF, ±20%, 16V CX02 24538474 PF, 0.47μF CX03 24538474 PF, 0.47μF CX03 24538474 PF, 0.47μF CX04 24366122 CF, 2200 ohm R104 2436632 CF, 3300 ohm R105 24367103 CF, 10k ohm, ±2% R106 24367103 CF, 10k ohm, ±2% R107 24366102 CF, 120k ohm R108 2436632 CF, 3300 ohm R109 2436652 CF, 6200 ohm R111 24366561 CF, 660 ohm R111 24366561 CF, 660 ohm R111 24366610 CF, 10k ohm R112 2436632 CF, 2200 ohm R114 2436632 CF, 3300 ohm R115 24366110 CF, 10k ohm R116 24366411 CF, 170 ohm R117 24366110 CF, 100 ohm R118 24366311 CF, 330 ohm R119 24366622 CF, 2200 ohm R110 24366622 CF, 2200 ohm R111 2436631 CF, 330 ohm R112 24366331 CF, 330 ohm R113 24366110 CF, 100 ohm R114 2436631 CF, 330 ohm R115 24366110 CF, 100 ohm R116 2436647 CF, 47 ohm R119 2436631 CF, 330 ohm R121 24366331 CF, 330 ohm R122 24366331 CF, 330 ohm R124 24366331 CF, 330 ohm R125 24366331 CF, 330 ohm R126 24366331 CF, 330 ohm R127 24366331 CF, 330 ohm R128 24366331 CF, 330 ohm R129 24366331 CF, 330 ohm R120 24366331 CF, 330 ohm R121 24366331 CF, 330 ohm R122 24366331 CF, 330 ohm R124 24366331 CF, 330 ohm R125 24366331 CF, 330 ohm R126 24366331 CF, 330 ohm			
12pF, 50V			
CV01 24797229 EL, 2.2μF, ±20%, 50V CV02 24797229 EL, 2.2μF, ±20%, 50V CV04 24797229 EL, 2.2μF, ±20%, 50V CV05 24797229 EL, 2.2μF, ±20%, 50V CV06 24797100 EL, 10μF, ±20%, 50V CV07 24797100 EL, 10μF, ±20%, 50V CV08 24797229 EL, 2.2μF, ±20%, 50V CV09 24797100 EL, 10μF, ±20%, 50V CV10 24797100 EL, 10μF, ±20%, 50V CV11 24797229 EL, 2.2μF, ±20%, 50V CV11 24797229 EL, 2.2μF, ±20%, 50V CV11 24797229 EL, 2.2μF, ±20%, 50V CV12 24797229 EL, 2.2μF, ±20%, 50V CV13 24797100 EL, 10μF, ±20%, 50V CV14 24797210 EL, 10μF, ±20%, 50V CV15 24797010 EL, 10μF, ±20%, 50V CV16 24232103 CD, 0.01μF, +80%, -20% CV17 24232103 CD, 0.01μF, +80%, -20% CV18 24794100 EL, 10μF, ±20%, 16V CV22 24794100 EL, 10μF, ±20%, 16V CV24 24794471 EL, 470μF, ±20%, 16V CV29 24085944 EL, 2.2μF, ±20%, 50V, Non-Polar CV31 24794471 EL, 470μF, ±20%, 16V CV29 24538474 PF, 0.47μF CX02 24538474 PF, 0.47μF CX02 24538474 PF, 0.47μF CX04 24538474 PF, 0.47μF CX04 2456332 CF, 2300 ohm R102 24366124 CF, 120k ohm R103 24366222 CF, 2200 ohm R104 2436632 CF, 3300 ohm R105 24367103 CF, 10k ohm, ±2% R107 24366103 CF, 10k ohm, ±2% R108 24366302 CF, 8200 ohm R110 24366562 CF, 5600 ohm R111 24366561 CF, 650 ohm R112 2436632 CF, 3300 ohm R113 24366112 CF, 1100 ohm R114 24366321 CF, 1100 ohm R115 24366101 CF, 100 ohm R116 24366471 CF, 470 ohm R117 24366112 CF, 1100 ohm R118 24366470 CF, 47 ohm R119 24366471 CF, 470 ohm R119 24366471 CF, 470 ohm R111 24366561 CF, 560 ohm R112 24366331 CF, 330 ohm R114 24366311 CF, 1100 ohm R115 24366101 CF, 100 ohm R116 24366470 CF, 47 ohm R119 24366471 CF, 470 ohm R119 24366470 CF, 47 ohm R119 24366471 CF, 470 ohm R110 24366610 CF, 100 ohm R112 24366331 CF, 330 ohm R124 24366331 CF, 330 ohm R125 24366311 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm R127 2456101 CF, 100 ohm R127 2456334 CF, 330k ohm	CNSI	24094959	•
CV02 24797229 EL, 2.2μF, ±20%, 50V CV03 24797220 EL, 22μF, ±20%, 50V CV04 24797229 EL, 2.2μF, ±20%, 50V CV05 24797229 EL, 2.2μF, ±20%, 50V CV06 24797100 EL, 10μF, ±20%, 50V CV07 24797100 EL, 10μF, ±20%, 50V CV08 24797229 EL, 2.2μF, ±20%, 50V CV09 24797229 EL, 2.2μF, ±20%, 50V CV10 24797100 EL, 10μF, ±20%, 50V CV11 24797229 EL, 2.2μF, ±20%, 50V CV11 24797229 EL, 2.2μF, ±20%, 50V CV11 24797229 EL, 2.2μF, ±20%, 50V CV12 24797229 EL, 2.2μF, ±20%, 50V CV13 24797100 EL, 10μF, ±20%, 50V CV16 2423103 CD, 0.01μF, ±80%, −20% CV17 24232103 CD, 0.01μF, ±80%, −20% CV18 24794100 EL, 10μF, ±20%, 16V CV22 24794100 EL, 10μF, ±20%, 16V CV24 24794100 EL, 10μF, ±20%, 16V CV29 24085944 EL, 2.2μF, ±20%, 50V, Non-Polar CV31 24794471 EL, 470μF, ±20%, 16V CV29 2438474 PF, 0.47μF CX02 24538474 PF, 0.47μF CX03 24538474 PF, 0.47μF CX04 24366322 CF, 2200 ohm R102 24366124 CF, 120k ohm R103 2436622 CF, 2200 ohm R104 24366332 CF, 3300 ohm R105 24367103 CF, 10k ohm, ±2% R101 24366562 CF, 5600 ohm R101 24366562 CF, 5600 ohm R110 2436632 CF, 3300 ohm R110 2436632 CF, 3300 ohm R111 24366561 CF, 560 ohm R112 2436631 CF, 10k ohm R113 2436611 CF, 100 ohm R114 2436632 CF, 3300 ohm R115 2436611 CF, 100 ohm R116 24366471 CF, 470 ohm R117 2436611 CF, 1100 ohm R118 24366410 CF, 470 ohm R119 2436631 CF, 330 ohm R110 2436632 CF, 3300 ohm R111 24366661 CF, 560 ohm R112 2436631 CF, 1100 ohm R114 2436631 CF, 1100 ohm R115 2436611 CF, 1100 ohm R116 24366470 CF, 470 ohm R117 2436611 CF, 1100 ohm R118 24366470 CF, 470 ohm R119 2436631 CF, 330 ohm R120 2436615 CF, 5600 ohm R111 24366661 CF, 5600 ohm R112 24366331 CF, 330 ohm R122 24366820 CF, 22 ohm R123 2436631 CF, 330 ohm R124 24366331 CF, 330 ohm R125 2436631 CF, 330 ohm R126 2436610 CF, 100 ohm R127 24552101 OMF, 100 ohm R127 2456633 CF, 330k ohm	CV01	24707220	
CV03	1		
CV04	1		
CV05			
CV06			
CV07 CV08 CV09 CV09 CV09 CV09 CV09 CV09 CV10 CV10 CV10 CV10 CV11 CV11 CV11 CV11	1		
CV08 CV09 CV10 CV10 CV10 CV10 CV11 CV17 CV11 CV17 CV11 CV12 CV13 CV13 CV15 CV16 CV16 CV16 CV16 CV17 CV17 CV17 CV17 CV18 CV17 CV17 CV17 CV18 CV17 CV18 CV18 CV19 CV18 CV19 CV19 CV19 CV19 CV10 CV10 CV10 CV10 CV10 CV10 CV11 CV10 CV10	1		
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CV11 24797229 EL, 2.2μF, ±20%, 50V CV12 24797229 EL, 2.2μF, ±20%, 50V CV13 24797100 EL, 10μF, ±20%, 50V CV15 24797010 EL, 1μF, ±20%, 50V CV16 24232103 CD, 0.01μF, +80%, -20% CV17 24232103 CD, 0.01μF, +80%, -20% CV18 24794100 EL, 10μF, ±20%, 16V CV22 24794100 EL, 10μF, ±20%, 16V CV24 24794471 EL, 470μF, ±20%, 16V CV27 24794101 EL, 10μF, ±20%, 16V CV29 24085944 EL, 2.2μF, ±20%, 50V, Non-Polar CV31 24794471 EL, 470μF, ±20%, 16V CV29 24538474 PF, 0.47μF CX02 24538474 PF, 0.47μF CX03 24538474 PF, 0.47μF CX04 24538474 PF, 0.47μF CX04 24538474 PF, 0.47μF CX04 24538474 PF, 0.47μF CX05 24366124 CF, 120k ohm R102 24366124 CF, 120k ohm R103 24366332 CF, 3300 ohm R104 24366332 CF, 3300 ohm R105 24367103 CF, 10k ohm, ±2% R107 24366103 CF, 10k ohm R108 24366102 CF, 17k ohm R109 24366822 CF, 8200 ohm R109 24366822 CF, 8200 ohm R101 24366561 CF, 560 ohm R112 24366321 CF, 3300 ohm R112 24366312 CF, 3300 ohm R112 24366312 CF, 5600 ohm R112 24366312 CF, 5600 ohm R112 24366310 CF, 100 ohm R113 24366112 CF, 1100 ohm R114 2436622 CF, 2200 ohm R115 24366112 CF, 1100 ohm R116 24366471 CF, 470 ohm R117 24366112 CF, 1100 ohm R118 24366470 CF, 470 ohm R119 24366471 CF, 470 ohm R119 24366311 CF, 100 ohm R112 24366311 CF, 100 ohm R112 24366311 CF, 100 ohm R112 24366311 CF, 150k ohm R121 24366311 CF, 150k ohm R122 24366820 CF, 82 ohm R121 24366331 CF, 330 ohm R122 24366831 CF, 330 ohm R123 24366101 CF, 100 ohm R124 24366331 CF, 330 ohm R125 24366331 CF, 330 ohm R126 24366101 CF, 100 ohm R127 243565101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm			
CV12 24797229 EL, 2.2μF, ±20%, 50V CV13 24797100 EL, 10μF, ±20%, 50V CV15 24797010 EL, 1μF, ±20%, 50V CV16 24232103 CD, 0.01μF, ±80%, −20% CV17 24232103 CD, 0.01μF, ±80%, −20% CV18 24794100 EL, 10μF, ±20%, 16V CV22 24794100 EL, 10μF, ±20%, 16V CV24 24794471 EL, 470μF, ±20%, 16V CV29 24085944 EL, 2.2μF, ±20%, 50V, Non-Polar CV31 24794471 EL, 470μF, ±20%, 16V CX02 24538474 PF, 0.47μF CX03 24538474 PF, 0.47μF CX04 24538474 PF, 0.47μF CX04 24538474 PF, 0.47μF CX05 24366124 CF, 120k ohm R102 24366124 CF, 120k ohm R103 24366222 CF, 2200 ohm R104 24366332 CF, 3300 ohm R105 24367103 CF, 10k ohm, ±2% R106 24367103 CF, 10k ohm, ±2% R107 24366103 CF, 10k ohm R108 24366102 CF, 10k ohm R109 24366822 CF, 8200 ohm R101 24366601 CF, 10k ohm R102 24366102 CF, 10k ohm R103 243666101 CF, 100 ohm R111 24366561 CF, 560 ohm R112 24366332 CF, 3300 ohm R115 24366110 CF, 100 ohm R116 24366411 CF, 1100 ohm R117 24366111 CF, 1100 ohm R118 24366470 CF, 470 ohm R119 24366612 CF, 2200 ohm R110 24366612 CF, 1100 ohm R111 24366611 CF, 100 ohm R112 24366312 CF, 1100 ohm R114 24366220 CF, 2500 ohm R115 24366110 CF, 100 ohm R116 24366471 CF, 470 ohm R117 24366112 CF, 1100 ohm R118 24366470 CF, 470 ohm R119 24366340 CF, 3300 ohm R110 24366647 CF, 470 ohm R111 C4366615 CF, 5600 ohm R112 C4366471 CF, 470 ohm R112 C4366311 CF, 1300 ohm R112 C4366311 CF, 1300 ohm R112 C4366311 CF, 1300 ohm R112 C4366311 CF, 150k ohm R121 24366311 CF, 330 ohm R122 24366301 CF, 150k ohm R121 24366301 CF, 150k ohm R122 24366301 CF, 150k ohm R124 24366311 CF, 330 ohm R125 24366301 CF, 150k ohm R126 24366101 CF, 100 ohm R127 24366334 CF, 330k ohm			
CV13 24797100 EL, 10μ F, $\pm 20\%$, 50V CV15 24797010 EL, 1μ F, $\pm 20\%$, 50V CV16 24232103 CD, 0.01μ F, $\pm 80\%$, -20% CV17 24232103 CD, 0.01μ F, $\pm 80\%$, -20% CV18 24794100 EL, 10μ F, $\pm 20\%$, 16 V CV22 24794100 EL, 10μ F, $\pm 20\%$, 16 V CV24 24794471 EL, 470μ F, $\pm 20\%$, 16 V CV29 24085944 EL, 2.2μ F, $\pm 20\%$, 16 V CV29 24085944 FL, 2.2μ F, $\pm 20\%$, 16 V CV31 24794471 EL, 470μ F, $\pm 20\%$, 16 V CV31 24794471 EL, 470μ F, $\pm 20\%$, 16 V CV31 24794471 EL, 470μ F, $\pm 20\%$, 16 V CX02 24538474 PF, 0.47μ F CX03 24538474 PF, 0.47μ F CX04 24538474 PF, 0.47μ F CX04 24538474 PF, 0.47μ F RESISTORS R101 24366222 CF, 2200 ohm R102 24366124 CF, 120k ohm R103 2436622 CF, 2200 ohm R105 24367103 CF, 10 k ohm, $\pm 2\%$ R106 24367103 CF, 10 k ohm, $\pm 2\%$ R107 24366103 CF, 10 k ohm, $\pm 2\%$ R108 24366102 CF, 10 k ohm R109 24366620 CF, 10 k ohm R110 24366562 CF, 10 k ohm R111 24366561 CF, 10 k ohm R112 24366332 CF, 3300 ohm R115 24366112 CF, 1100 ohm R116 24366712 CF, 1100 ohm R117 24366112 CF, 1100 ohm R118 24366412 CF, 1100 ohm R119 24366612 CF, 1100 ohm R116 2436671 CF, 100 ohm R117 24366112 CF, 1100 ohm R118 24366471 CF, 100 ohm R119 243666471 CF, 100 ohm R119 24366124 CF, 100 ohm R119 24366124 CF, 100 ohm R119 24366112 CF, 1100 ohm R119 24366112 CF, 1100 ohm R119 24366112 CF, 1100 ohm R119 24366114 CF, 100 ohm R119 24366115 CF, 100 ohm R119 24366114 CF, 100 ohm R119 24366154 CF, 150 k ohm R121 24366311 CF, 100 ohm R122 24366311 CF, 100 ohm R126 24366181 CF, 100 ohm R127 24366331 CF, 100 ohm R127 24366331 CF, 100 ohm R128 24366331 CF, 100 ohm R128 24366331 CF, 100 ohm R127 24366331 CF, 100 ohm R127 24366331 CF, 100 ohm CF, 100 oh			
CV15 CV16 CV16 CV16 CV17 CV24322103 CD, 0.01μF, +80%, -20% CV17 CV2432103 CD, 0.01μF, ±80%, -20% CV18 CV18 CV24 24794100 EL, 10μF, ±20%, 16V CV24 CV24 CV27 CV34 CV27 CV34 CV29 CV29 CV34 CV29 CV29 CV36 CV31 CV31 CV31 CV31 CV32 CV31 CV31 CV32 CV34 CV34 CV34 CV34 CV34 CV34 CV34 CV34			
CV16 CV17 CV17 CV18 CV17 CV18 CV17 CV23 CV18 CV24 CV24 CV24 CV24 CV24 CV24 CV24 CV24			
CV17 CV18 24794100 CV22 24794100 EL, 10μF, ±20%, 16V CV22 24794101 EL, 470μF, ±20%, 16V CV27 24794100 EL, 10μF, ±20%, 16V CV27 24794100 EL, 10μF, ±20%, 16V CV29 24085944 EL, 2.2μF, ±20%, 50V, Non-Polar CV31 CX02 24538474 CX03 24538474 CX03 24538474 CX04 24538474 CX04 CX04 CX04 CX04 CX05 CX06 CX06 CX07 CX07 CX07 CX07 CX08 CX08 CX08 CX08 CX08 CX08 CX09 CX09 CX09 CX09 CX09 CX09 CX09 CX09	I		
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CV27 CV29 24085944 EL, 2.2μF, ±20%, 50V, Non-Polar CV31 24794471 EL, 470μF, ±20%, 16V CX02 24538474 PF, 0.47μF CX03 24538474 PF, 0.47μF CX04 24538474 PF, 0.47μF CX04 24538474 PF, 0.47μF CX04 24538474 PF, 0.47μF RESISTORS R101 R102 24366124 CF, 120k ohm R103 R104 R24366322 CF, 2200 ohm R105 R106 24367103 CF, 10k ohm, ±2% R107 R108 R108 R109 24366103 CF, 10k ohm R108 R109 R109 24366822 CF, 2800 ohm R110 R110 CF, 10k ohm R111 CA366561 CF, 5600 ohm R112 CF, 10k ohm R114 CA366562 CF, 5600 ohm R115 CF, 10k ohm CF, 11c ohm CF, 11	1		
CV29 24085944 EL, 2.2μF, ±20%, 50V, Non-Polar CV31 24794471 EL, 470μF, ±20%, 16V CX02 24538474 PF, 0.47μF CX03 24538474 PF, 0.47μF CX04 24538474 PF, 0.47μF CX04 24538474 PF, 0.47μF RESISTORS R101 24366222 CF, 2200 ohm R102 24366124 CF, 120k ohm R103 24366222 CF, 2200 ohm R104 24366332 CF, 3300 ohm R105 24367103 CF, 10k ohm, ±2% R106 24367473 CF, 47k ohm, ±2% R107 24366103 CF, 10k ohm R108 24366102 CF, 1k ohm R109 24366502 CF, 8200 ohm R110 24366561 CF, 5600 ohm R111 24366561 CF, 560 ohm R112 24366332 CF, 3300 ohm R113 24366112 CF, 1100 ohm R114 24366222 CF, 2200 ohm R115 24366101 CF, 100 ohm R116 24366471 CF, 470 ohm R117 24366112 CF, 1100 ohm R118 24366470 CF, 47 ohm R119 24366472 CF, 470 ohm R119 24366472 CF, 470 ohm R110 24366331 CF, 330 ohm R121 2436631 CF, 330 ohm R122 24366820 CF, 82 ohm R123 24366241 CF, 240 ohm R124 24366181 CF, 180 ohm R125 24366331 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm			
Non-Polar	1		
CV31 24794471 EL, 470μF, ±20%, 16V CX02 24538474 PF, 0.47μF CX03 24538474 PF, 0.47μF CX04 24538474 PF, 0.47μF CX04 24538474 PF, 0.47μF RESISTORS R101 24366222 CF, 2200 ohm R102 24366124 CF, 120k ohm R103 24366222 CF, 2200 ohm R104 24366332 CF, 3300 ohm R105 24367103 CF, 10k ohm, ±2% R106 24367473 CF, 47k ohm, ±2% R107 24366103 CF, 10k ohm R108 24366102 CF, 1k ohm R109 24366822 CF, 8200 ohm R110 24366562 CF, 5600 ohm R111 24366561 CF, 560 ohm R112 24366332 CF, 3300 ohm R113 24366112 CF, 1100 ohm R114 2436622 CF, 2200 ohm R115 24366101 CF, 100 ohm R116 24366471 CF, 470 ohm R117 24366112 CF, 1100 ohm R118 24366470 CF, 470 ohm R119 24366470 CF, 470 ohm R119 24366331 CF, 330 ohm R120 24366154 CF, 150k ohm R121 2436631 CF, 330 ohm R122 2436630 CF, 82 ohm R123 2436610 CF, 82 ohm R124 2436631 CF, 330 ohm R125 2436630 CF, 82 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm	CV29	24085944	
CX02 24538474 PF, 0.47μF CX03 24538474 PF, 0.47μF CX04 24538474 PF, 0.47μF CX04 24538474 PF, 0.47μF RESISTORS R101 24366222 CF, 2200 ohm R102 24366124 CF, 120k ohm R103 24366222 CF, 2200 ohm R104 24366332 CF, 3300 ohm R105 24367103 CF, 10k ohm, ±2% R106 24367473 CF, 47k ohm, ±2% R107 24366103 CF, 10k ohm R108 24366102 CF, 1k ohm R109 24366822 CF, 8200 ohm R110 24366562 CF, 5600 ohm R111 24366561 CF, 560 ohm R112 24366332 CF, 3300 ohm R113 24366112 CF, 1100 ohm R114 2436622 CF, 2200 ohm R115 24366101 CF, 100 ohm R116 24366471 CF, 470 ohm R117 24366112 CF, 1100 ohm R118 24366470 CF, 470 ohm R119 24366470 CF, 470 ohm R110 2436633 CF, 330 ohm R111 2436631 CF, 330 ohm R112 2436631 CF, 330 ohm R112 CF, 150k ohm R113 CF, 150k ohm R114 CF, 470 ohm R150 CF, 470 ohm R171 CF, 470 ohm R171 CF, 470 ohm R172 CF, 470 ohm R172 CF, 470 ohm R173 CF, 330 ohm R174 CF, 470 ohm R175 CF, 330 ohm R175 CF, 330 ohm R176 CF, 330 ohm R177 CF, 330 ohm R177 CF, 330 ohm R178 CF, 330 ohm R179 CF, 1500 ohm R179 CF, 1500 ohm R170 CF, 1500 ohm R171 CF, 1500 ohm R171 CF, 330 ohm R172 CF, 330 ohm R172 CF, 330 ohm R172 CF, 330 ohm R172 CF, 330 ohm R174 CF, 330 ohm R175 CF, 330 ohm R177 CF, 330 ohm R178 CF, 330 ohm R179 CF, 330 ohm R170 CF, 330 ohm	01/04	04704474	
CX03 24538474 PF, 0.47μF CX04 24538474 PF, 0.47μF RESISTORS R101 24366222 CF, 2200 ohm R102 24366124 CF, 120k ohm R103 24366322 CF, 2200 ohm R104 24366332 CF, 3300 ohm R105 24367103 CF, 10k ohm, ±2% R106 24367473 CF, 47k ohm, ±2% R107 24366103 CF, 10k ohm R108 24366102 CF, 1k ohm R109 24366822 CF, 8200 ohm R110 24366562 CF, 5600 ohm R111 24366561 CF, 560 ohm R112 24366332 CF, 3300 ohm R114 2436622 CF, 2200 ohm R117 24366112 CF, 1100 ohm R118 2436611 CF, 100 ohm R118 24366471 CF, 470 ohm R119 24366470 CF, 470 ohm R119 24366470 CF, 470 ohm R119 24366331 CF, 330 ohm R120 24366154 CF, 150k ohm R121 24366331 CF, 330 ohm R122 24366820 CF, 82 ohm R123 24366241 CF, 240 ohm R124 24366181 CF, 180 ohm R125 24366331 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm	1		
RESISTORS R101			
RESISTORS R101	1		
R101 24366222 CF, 2200 ohm R102 24366124 CF, 120k ohm R103 24366222 CF, 2200 ohm R104 24366332 CF, 3300 ohm R105 24367103 CF, 10k ohm, ±2% R106 24367473 CF, 47k ohm, ±2% R107 24366103 CF, 10k ohm R108 24366822 CF, 8200 ohm R109 24366822 CF, 8200 ohm R110 24366562 CF, 5600 ohm R111 24366561 CF, 560 ohm R112 24366332 CF, 3300 ohm R113 24366112 CF, 1100 ohm R114 24366222 CF, 2200 ohm R115 24366101 CF, 100 ohm R116 24366471 CF, 470 ohm R117 24366112 CF, 1100 ohm R118 24366470 CF, 47 ohm R119 24366470 CF, 47 ohm R119 24366331 CF, 330 ohm R120 24366331 CF, 330 ohm R121 24366331 CF, 330 ohm R122 24366820 CF, 82 ohm R123 24366241 CF, 240 ohm R124 24366181 CF, 180 ohm R125 2436631 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm			,
R102 24366124 CF, 120k ohm R103 24366222 CF, 2200 ohm R104 24366332 CF, 3300 ohm R105 24367103 CF, 10k ohm, ±2% R106 24367473 CF, 47k ohm, ±2% R107 24366103 CF, 10k ohm R108 24366602 CF, 1k ohm R109 24366822 CF, 8200 ohm R110 24366562 CF, 5600 ohm R111 24366561 CF, 560 ohm R112 24366332 CF, 3300 ohm R113 24366112 CF, 1100 ohm R114 24366222 CF, 2200 ohm R115 24366101 CF, 100 ohm R116 24366471 CF, 470 ohm R117 24366112 CF, 1100 ohm R118 24366470 CF, 470 ohm R119 24366470 CF, 470 ohm R119 24366331 CF, 330 ohm R120 24366154 CF, 150k ohm R121 24366331 CF, 330 ohm R122 24366820 CF, 82 ohm R123 24366241 CF, 240 ohm R124 2436631 CF, 330 ohm R125 2436631 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm	RESISTORS		
R102 24366124 CF, 120k ohm R103 24366222 CF, 2200 ohm R104 24366332 CF, 3300 ohm R105 24367103 CF, 10k ohm, ±2% R106 24367473 CF, 47k ohm, ±2% R107 24366103 CF, 10k ohm R108 24366602 CF, 1k ohm R109 24366822 CF, 8200 ohm R110 24366562 CF, 5600 ohm R111 24366561 CF, 560 ohm R112 24366332 CF, 3300 ohm R113 24366112 CF, 1100 ohm R114 24366222 CF, 2200 ohm R115 24366101 CF, 100 ohm R116 24366471 CF, 470 ohm R117 24366112 CF, 1100 ohm R118 24366470 CF, 470 ohm R119 24366470 CF, 470 ohm R119 24366331 CF, 330 ohm R120 24366154 CF, 150k ohm R121 24366331 CF, 330 ohm R122 24366820 CF, 82 ohm R123 24366241 CF, 240 ohm R124 2436631 CF, 330 ohm R125 2436631 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm	R101	24366222	CF, 2200 ohm
R103 24366222 CF, 2200 ohm R104 24366332 CF, 3300 ohm R105 24367103 CF, 10k ohm, ±2% R106 24367473 CF, 47k ohm, ±2% R107 24366103 CF, 10k ohm R108 24366822 CF, 8200 ohm R109 24366822 CF, 8200 ohm R110 24366562 CF, 5600 ohm R111 24366561 CF, 560 ohm R112 24366332 CF, 3300 ohm R113 24366112 CF, 1100 ohm R114 2436622 CF, 2200 ohm R115 24366101 CF, 100 ohm R116 24366471 CF, 470 ohm R117 24366112 CF, 1100 ohm R118 24366470 CF, 470 ohm R119 24366470 CF, 470 ohm R119 24366331 CF, 330 ohm R120 24366154 CF, 150k ohm R121 24366331 CF, 330 ohm R122 24366820 CF, 82 ohm R123 24366241 CF, 240 ohm R124 2436631 CF, 330 ohm R125 24366331 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm	1	24366124	CF, 120k ohm
R105 24367103 CF, 10k ohm, ±2% R106 24367473 CF, 47k ohm, ±2% R107 24366103 CF, 10k ohm R108 24366102 CF, 1k ohm R109 24366822 CF, 8200 ohm R110 24366562 CF, 5600 ohm R111 24366561 CF, 560 ohm R112 24366332 CF, 3300 ohm R113 24366112 CF, 1100 ohm R114 24366222 CF, 2200 ohm R115 24366101 CF, 100 ohm R116 24366471 CF, 470 ohm R117 24366112 CF, 1100 ohm R118 24366470 CF, 47 ohm R119 24366470 CF, 47 ohm R119 24366331 CF, 330 ohm R120 24366331 CF, 330 ohm R121 24366331 CF, 330 ohm R122 24366820 CF, 82 ohm R123 24366241 CF, 240 ohm R124 2436631 CF, 330 ohm R125 2436631 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm	1		
R106 24367473 CF, 47k ohm, ±2% R107 24366103 CF, 10k ohm R108 24366102 CF, 1k ohm R109 24366822 CF, 8200 ohm R110 24366562 CF, 5600 ohm R111 24366561 CF, 560 ohm R112 24366332 CF, 3300 ohm R113 24366112 CF, 1100 ohm R114 24366222 CF, 2200 ohm R115 24366101 CF, 100 ohm R116 24366471 CF, 470 ohm R117 24366112 CF, 1100 ohm R118 24366470 CF, 470 ohm R119 24366470 CF, 470 ohm R119 24366470 CF, 4700 ohm R119 24366331 CF, 330 ohm R120 24366331 CF, 330 ohm R121 24366331 CF, 240 ohm R123 24366241 CF, 240 ohm R124 24366181 CF, 180 ohm R125 24366331 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm	R104	24366332	CF, 3300 ohm
R107 24366103 CF, 10k ohm R108 24366102 CF, 1k ohm R109 24366822 CF, 8200 ohm R110 24366562 CF, 5600 ohm R111 24366561 CF, 560 ohm R112 24366332 CF, 3300 ohm R113 24366112 CF, 1100 ohm R114 24366222 CF, 2200 ohm R115 24366101 CF, 100 ohm R116 24366471 CF, 470 ohm R117 24366112 CF, 1100 ohm R118 24366470 CF, 470 ohm R119 24366470 CF, 47 ohm R119 24366472 CF, 4700 ohm R119 2436631 CF, 330 ohm R120 24366154 CF, 150k ohm R121 24366331 CF, 330 ohm R122 24366820 CF, 82 ohm R123 24366241 CF, 240 ohm R124 24366181 CF, 180 ohm R125 24366331 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm	R105	24367103	CF, 10k ohm, ±2%
R108 24366102 CF, 1k ohm R109 24366822 CF, 8200 ohm R110 24366562 CF, 5600 ohm R111 24366561 CF, 560 ohm R112 24366332 CF, 3300 ohm R113 24366112 CF, 1100 ohm R114 24366222 CF, 2200 ohm R115 24366101 CF, 100 ohm R116 24366471 CF, 470 ohm R117 24366112 CF, 1100 ohm R118 24366470 CF, 470 ohm R119 24366470 CF, 47 ohm R119 24366472 CF, 4700 ohm R120 24366154 CF, 150k ohm R121 24366331 CF, 330 ohm R122 24366820 CF, 82 ohm R123 24366241 CF, 240 ohm R124 24366181 CF, 180 ohm R125 24366331 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm	R106	24367473	CF, 47k ohm, ±2%
R109 24366822 CF, 8200 ohm R110 24366562 CF, 5600 ohm R111 24366561 CF, 560 ohm R112 24366332 CF, 3300 ohm R113 24366112 CF, 1100 ohm R114 24366222 CF, 2200 ohm R115 24366101 CF, 100 ohm R116 24366471 CF, 470 ohm R117 24366112 CF, 1100 ohm R118 24366470 CF, 470 ohm R119 24366470 CF, 47 ohm R119 24366472 CF, 4700 ohm R119 24366472 CF, 4700 ohm R120 24366154 CF, 150k ohm R121 24366331 CF, 330 ohm R122 24366820 CF, 82 ohm R123 24366241 CF, 240 ohm R124 24366181 CF, 180 ohm R125 24366331 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm	R107	24366103	CF, 10k ohm
R110 24366562 CF, 5600 ohm R111 24366561 CF, 560 ohm R112 24366332 CF, 3300 ohm R113 24366112 CF, 1100 ohm R114 24366222 CF, 2200 ohm R115 24366101 CF, 100 ohm R116 24366471 CF, 470 ohm R117 24366112 CF, 1100 ohm R118 24366470 CF, 47 ohm R119 24366472 CF, 4700 ohm R119 24366472 CF, 4700 ohm R120 24366154 CF, 150k ohm R121 24366331 CF, 330 ohm R122 24366820 CF, 82 ohm R123 24366241 CF, 240 ohm R124 24366181 CF, 180 ohm R125 24366331 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm	R108	24366102	CF, 1k ohm
R111 24366561 CF, 560 ohm R112 24366332 CF, 3300 ohm R113 24366112 CF, 1100 ohm R114 24366222 CF, 2200 ohm R115 24366101 CF, 100 ohm R116 24366471 CF, 470 ohm R117 24366112 CF, 1100 ohm R118 24366470 CF, 47 ohm R119 24366472 CF, 4700 ohm R119 24366472 CF, 4700 ohm R120 24366154 CF, 150k ohm R121 24366331 CF, 330 ohm R122 24366820 CF, 82 ohm R123 24366241 CF, 240 ohm R124 24366181 CF, 180 ohm R125 24366331 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm	R109	24366822	CF, 8200 ohm
R112 24366332 CF, 3300 ohm R113 24366112 CF, 1100 ohm R114 24366222 CF, 2200 ohm R115 24366101 CF, 100 ohm R116 24366471 CF, 470 ohm R117 24366112 CF, 1100 ohm R118 24366470 CF, 47 ohm R119 24366472 CF, 4700 ohm R119 24366154 CF, 150k ohm R120 24366154 CF, 150k ohm R121 24366331 CF, 330 ohm R122 24366820 CF, 82 ohm R123 24366241 CF, 240 ohm R124 24366181 CF, 180 ohm R125 24366331 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm	R110	24366562	CF, 5600 ohm
R113 24366112 CF, 1100 ohm R114 24366222 CF, 2200 ohm R115 24366101 CF, 100 ohm R116 24366471 CF, 470 ohm R117 24366112 CF, 1100 ohm R118 24366470 CF, 47 ohm R119 24366472 CF, 4700 ohm R120 24366154 CF, 150k ohm R121 24366331 CF, 330 ohm R122 24366820 CF, 82 ohm R123 24366241 CF, 240 ohm R124 24366181 CF, 180 ohm R125 24366331 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm	R111	24366561	*
R114 24366222 CF, 2200 ohm R115 24366101 CF, 100 ohm R116 24366471 CF, 470 ohm R117 24366112 CF, 1100 ohm R118 24366470 CF, 47 ohm R119 24366472 CF, 4700 ohm R120 24366154 CF, 150k ohm R121 24366331 CF, 330 ohm R122 24366820 CF, 82 ohm R123 24366241 CF, 240 ohm R124 24366181 CF, 180 ohm R125 24366331 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm	R112	24366332	
R115 24366101 CF, 100 ohm R116 24366471 CF, 470 ohm R117 24366112 CF, 1100 ohm R118 24366470 CF, 47 ohm R119 24366472 CF, 4700 ohm R120 24366154 CF, 150k ohm R121 24366331 CF, 330 ohm R122 24366820 CF, 82 ohm R123 24366241 CF, 240 ohm R124 24366181 CF, 180 ohm R125 24366331 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm	R113	24366112	
R116 24366471 CF, 470 ohm R117 24366112 CF, 1100 ohm R118 24366470 CF, 47 ohm R119 24366472 CF, 4700 ohm R120 24366154 CF, 150k ohm R121 24366331 CF, 330 ohm R122 24366820 CF, 82 ohm R123 24366241 CF, 240 ohm R124 24366181 CF, 180 ohm R125 24366331 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm	R114	24366222	•
R117 24366112 CF, 1100 ohm R118 24366470 CF, 47 ohm R119 24366472 CF, 4700 ohm R120 24366154 CF, 150k ohm R121 24366331 CF, 330 ohm R122 24366820 CF, 82 ohm R123 24366241 CF, 240 ohm R124 24366181 CF, 180 ohm R125 24366331 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm	R115		•
R118 24366470 CF, 47 ohm R119 24366472 CF, 4700 ohm R120 24366154 CF, 150k ohm R121 24366331 CF, 330 ohm R122 24366820 CF, 82 ohm R123 24366241 CF, 240 ohm R124 24366181 CF, 180 ohm R125 24366331 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm	R116	24366471	
R119 24366472 CF, 4700 ohm R120 24366154 CF, 150k ohm R121 24366331 CF, 330 ohm R122 24366820 CF, 82 ohm R123 24366241 CF, 240 ohm R124 24366181 CF, 180 ohm R125 24366331 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm	1		
R120 24366154 CF, 150k ohm R121 24366331 CF, 330 ohm R122 24366820 CF, 82 ohm R123 24366241 CF, 240 ohm R124 24366181 CF, 180 ohm R125 24366331 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm			•
R121 24366331 CF, 330 ohm R122 24366820 CF, 82 ohm R123 24366241 CF, 240 ohm R124 24366181 CF, 180 ohm R125 24366331 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm	1		· · · · · · · · · · · · · · · · · · ·
R122 24366820 CF, 82 ohm R123 24366241 CF, 240 ohm R124 24366181 CF, 180 ohm R125 24366331 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm	i		
R123 24366241 CF, 240 ohm R124 24366181 CF, 180 ohm R125 24366331 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm	1		
R124 24366181 CF, 180 ohm R125 24366331 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm	1		
R125 24366331 CF, 330 ohm R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm	1		
R126 24366101 CF, 100 ohm R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm	1		
R127 24552101 OMF, 100 ohm, 1/2W R128 24366334 CF, 330k ohm	1		
R128 24366334 CF, 330k ohm			
	1		
1 1129 24300101 CF, 100 0HM	1		
	N129	24300 IU I	or, roo onni

Location No.	Part No.	Description
R130	24366513	CF, 51k ohm
R131	24366753	CF, 75k ohm
R132	24366684	CF, 680k ohm
R133	24366272	CF, 2700 ohm
R134	24366223	CF, 22k ohm
R135	24366151	CF, 150 ohm
R151	24066953	VR, 5k ohm, 1/10W
R152	24066951	VR, 20k ohm, 1/10W
R153	24066946	VR, 1M ohm, 1/10W
R160	24366680	CF, 68 ohm
R161	24366680	CF, 68 ohm
R163	24366682	
R164	24366102	CF, 1k ohm
R165	24366562	CF, 5600 ohm
R166	24366560	CF, 56 ohm
R167	24552101	OMF, 100 ohm, 1/2W
R168	24366680	CF, 68 ohm
R169	24366682	CF, 6800 ohm
R170	24366102	CF, 1k ohm
R171	24366562	CF, 5600 ohm
R172	24366101	CF, 100 ohm
R173	24552101	OMF, 100 ohm, 1/2W
R183	24366562	CF, 5600 0nm
R184	24366122	
R185	24366562	CF, 5600 ohm
R186	24366560	
R187	24552101	
R201	24366271	CF, 270 ohm
R202	24366101	CF, 100 ohm
R203	24366182	
R204	24366152	CF, 1500 ohm
R205	24366392	
R208	24366101	•
R209	24366103	CF, 10k ohm
R210		CF, 20k ohm
R211	24366622	
R212	24366103	CF, 10k ohm
R213		CF, 100 ohm
R214	24366182	CF, 1800 ohm CF, 1500 ohm
R215	24366152	CF, 1500 ohm
R216	24366333	
R217	24366101	CF, 100 ohm
R218	24366472	CF, 4700 ohm
R219	24366472	CF, 4700 ohm
R220	24366753	CF, 75k ohm
R221	24366564	CF, 560k ohm
R222	24366751	CF, 750 ohm
R223	24366103	CF, 10k ohm
R224	24366333	CF, 33k ohm
R225	24366132	CF, 1300 ohm
R226	24366104	CF, 100k ohm
R227	24366105	CF, 1M ohm
R228	24366104	CF, 100k ohm
R229	24366303	CF, 30k ohm
R230	24366102	CF, 1k ohm CF, 10k ohm
R231	24366103	CF, 10k onm CF, 47k ohm
R232	24366473	· ·
R233	24366102	CF, 1k ohm
R234	24366223	CF, 22k ohm CF, 47k ohm
R235	24366473	•
Dage	24366103	CF, 10k ohm
R236		CE 220k ohm
R237	24366224	CF, 220k ohm
		CF, 100 ohm

Location	Part No.	Description
No.	raiting.	Description
R243	24366183	CF, 18k ohm
R244	24366103	CF, 10k ohm
R245	24366103	CF, 10k ohm
R252	24066598	VR, 2k ohm, 1/10W
	24066598	
R253		VR, 2k ohm, 1/10W
R255	24066601	VR, 20k ohm, 1/10W
R301	24366301	CF, 300 ohm
R302	24366244	CF, 240k ohm
R303	24366203	CF, 20k ohm
R304	24366102	CF, 1k ohm
R305	24366161	CF, 160 ohm
R306	24366471	CF, 470 ohm
R309	24366102	CF, 1k ohm
1		
R311	24552242	OMF, 2400 ohm, 1/2W
R312	24366203	CF, 20k ohm
R316	24552561	OMF, 560 ohm, 1/2W
⚠ R317	24383271	OMF, 270 ohm, 2W
R318	24366203	CF, 20k ohm
R321	24366183	CF, 18k ohm
R322	24366754	CF, 750k ohm
R323	24322828	OMF, 0.82 ohm, 1W
R325	24552122	OMF, 1200 ohm, 1/2W
1		
⚠ R327	24556309	FR, 3.0 ohm, ±10%, 1/2W
R328	24322479	OMF, 4.7 ohm, 1W
R329	24381472	OMF, 4700 ohm, 1/2W
R333	24366471	CF, 470 ohm
R335	24552561	OMF, 560 ohm, 1/2W
R351	24066602	VR, 50k ohm, 1/10W
R356	24066926	VR, 10k ohm, 1/10W
R357	24066921	VR, 500k ohm, 1/10W
R358	24066928	VR, 2k ohm, 1/10W
R361	24367243	CF, 24k ohm, ±2%
R362	24367682	CF, 560 ohm, ±2%
R363	24367223	CF, 22k ohm, ±2%
R364	24366823	CF, 82k ohm
R366	24366473	CF, 47k ohm
R367	24366104	CF, 100k ohm
R369	24552682	OMF, 6800 ohm, 1/2W
R370	24366682	CF, 6800 ohm
R371	24367243	CF, 24k ohm, ±2%
R372	24003984	MF, 1k ohm, 1/4W
R375	24366182	CF, 1800 ohm
R376	24366102	CF, 1k ohm
R377	24366184	CF, 180k ohm
R378	24366364	CF, 360k ohm
R380	24366153	CF, 15k ohm
R384	24366103	CF, 10k ohm
R386	24322479	OMF, 4.7 ohm, 1W
R387	24366474	CF, 470k ohm
R390	24366155	CF, 1.5M ohm
R391	24366155	CF, 1.5M ohm
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R402	24366273	CF, 27k ohm
R403	24366302	CF, 3k ohm
R404	24381432	OMF, 4300 ohm, 1/2W
R405	24366511	
R407	24366201	CF, 200 ohm
R408	24366682	CF, 6800 ohm
R411	24366361	CF, 360 ohm
R412	24366221	CF, 220 ohm
⚠ R416	24007620	Cement, 4300 ohm, 5W
ı		
R418	24382432	
R419	24366510	CF, 51 ohm
R420	24553102	OMF, 1k ohm, 1W
R421	24366105	CF, 1M ohm
l		

Location No.	Part No.	Description
D.100	0.4550004	ONAT 000 - bar 4/0/4/
R423		OMF, 220 ohm, 1/2W
R440	243/6243	CF, 24k ohm, 1/2W
R441	24552103	OMF, 10k ohm, 1/2W FR, 150 ohm, 1W
R446		
⚠ R448		MF, 2.7 ohm, 2W
R451	24066601	VR, 20k ohm, 1/10W VR, 5k ohm, 0.08W, CC
R452		
R501		CF, 820 ohm
R502	24366334	CF, 330k ohm CF, 2k ohm
R503		
R504	24366391	CF, 390 ohm
R505	24366822	CF, 8200 ohm CF, 8200 ohm
R507		
R508	24366821	CF, 820 ohm
R509	24366203	CF, 20k ohm CF, 100 ohm
R510		
R511	24366562	CF, 5600 ohm
R512	24366152	CF, 1500 ohm
R513		CF, 1500 ohm
R515	24366221	CF, 220 ohm
R516	24366221	CF, 220 ohm CF, 220 ohm
R517		
R521	24366562	CF, 5600 ohm
R522	24360185	CF, 1.8M ohm, 1/8W
R523		CF, 1k ohm
R524	24366103	CF, 10k ohm
R525	24366103	CF, 10k ohm
R526	24366122	CF, 1200 ohm
R527	24366122	CF, 1200 ohm Cement, 5600 ohm, 5W
⚠ R529	24007642	Cement, 5600 ohm, 5W
R531	24366102	CF, 1k ohm
R532	24366302	CF, 3k ohm CF, 1300 ohm
R533		
R534	24376104	CF, 100k ohm, 1/2W
R535	24366392	CF, 3900 ohm CF, 100k ohm, 1/2W
R536	24376104	CF, 100k ohm, 1/2W
R537	24366132	CF, 1300 ohm
R538	24366392	CF, 3900 ohm CF, 1300 ohm
R539		
R540	24376104	CF, 100k ohm, 1/2W
R541	24366821	CF, 820 ohm
R542		CF, 270 ohm
R543	24366512	
R544	24366101	CF, 100 ohm
R545	24366101	CF, 100 ohm
R547	24366471	CF, 470 ohm
R548	24366471	CF, 470 ohm
R549	24366471	
R551	24066955	VR, 1k ohm, 1/10W
R557	24066598	VR, 2k ohm, 1/10W
R558	24066598	
R559	24066598	VR, 2k ohm, 1/10W
R564	24366101	CF, 100 ohm
R565	24366101	CF, 100 ohm
R567	24366101	CF, 100 ohm
R570	24366912	CF, 9100 ohm
R571	24366912	CF, 9100 ohm
R572	24366912	CF, 9100 ohm
R573	24366104	CF, 100k ohm
⚠ R591	24383153	OMF, 15k ohm, 2W
⚠ R592	24383153	OMF, 15k ohm, 2W
⚠ R593	24383153	OMF, 15k ohm, 2W
R601	24366222	
R602	24366561	CF, 560 ohm

Location No.	Part No.	Description
Dena	24200000	CF 2200 cf ::
R603	24366222 24366563	
R604 R605	24366563	
R606	24366102	CF, 1k ohm
R607	24300102	CF 1k ohm
R609	24366102	CF, 1k ohm CF, 1k ohm
R610	24300102	CF, 1k ohm
R611		
R615	24366102	CF, 1k ohm CF, 1k ohm
R625	24300102	CF, 1k ohm
R626		
R627	24300102	CF, 1k ohm CF, 10k ohm
R628	24300103	CF, 47k ohm
R629	24300103	CF, 1M ohm
R630	24300100	CF, 1M ohm CF, 5600 ohm
R631 R632		
	24300223	CF, 22k ohm CF, 4700 ohm
R633	24300472	CF, 6800 ohm
R634		
R635	24366103	CF, 10k ohm
R637	24300102	CF, 1800 ohm CF, 1k ohm
R638 R640		
	24366103	CF, 10k ohm CF, 10k ohm
R642	24300103	CF, 10k onm CF, 3300 ohm
R650		
R653	24300002	CF, 6800 ohm CF, 6800 ohm
R654 R660	24300082	CF, 3300 ohm
R661		
R662	24366103	CF, 10k ohm CF, 1k ohm
R663		
R664	24366103 24366472 24366103	CF, 10k onm CF, 4700 ohm
R665	24366103	CF, 4700 onm
R666		CF, 10k ohm CF, 22k ohm
R667		
R668	24300103	CF, 10k ohm CF, 5600 ohm
R669	24366562	
R670(U903)	24366154	CF, 18k ohm CF, 150k ohm
		CF, 2400 ohm
R671(U903)	24366154	
R672(U101)		CF, 560 ohm
R672(U903)	24366472	CF, 4700 ohm
R673(U101)	24366271	CF, 270 ohm
R673(U903)	24366223	CF, 22k ohm
R674	24366821	CF, 820 ohm
R675(U101)	24366821	CF, 820 ohm
R675(U903)	24366104	CF, 100k ohm
R676	24366473	CF, 47k ohm
R677	24366473	CF, 47k ohm
R678	24366104	CF, 100k ohm
R679	24366821	CF, 820 ohm
R680	24366223	CF, 22k ohm
R681	24366229	CF, 2.2 ohm
R682	24366229	CF, 2.2 ohm
R683	24322159	OMF, 1.5 ohm, 1W
R684	24552331	OMF, 330 ohm, 1/2W
R685	24552331	OMF, 330 ohm, 1/2W
R687	24366683	CF, 68k ohm
R690	24366273	CF, 27k ohm
R699	24366332	CF, 3300 ohm
R801	24004914	CC, 5.6M ohm, 1/2W
⚠ R802	24007932	Cement, 6.2 ohm, 10W
R810	24377334	CF, 330k ohm, 1W
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Location No.	Part No.	Description
R814	24366823	CF, 82k ohm
R815	24366221	CF, 220 ohm
R816	24367122	CF, 1200 ohm, ±2%
R817		OMF, 0.39 ohm, 1/2W
R818	24384203	OMF, 20k ohm, 3W
R819	24366689	CF, 6.8 ohm
		CF, 1k ohm
R820	24007778	Cement, 180 ohm, 7W
∆ R821	24007776	CF, 39 ohm
R822		
R823		CF, 8200 ohm, ±2%
R824	24366123	CF, 12k ohm
<u> № R825</u>	24531620	FR, 62 ohm, 1/2W
∆ R826	24007552	Cement, 8200 ohm, 5W
R828	24367102	CF, 1k ohm, ±2%
R829	24382473	OMF, 47k ohm, 1W
R830		CF, 2700 ohm
R831	24366103	CF, 10k ohm
∩831 <u>Λ</u> R832	24300100	OMF, 330 ohm, 2W
		MF, 0.18 ohm, 1W
R836		
<u></u> R837	24000900	FR, 0.47 ohm, ±10%, 1W
R838		CF, 3900 ohm
R851		VR, 2k ohm, 1/10W
↑ R890	24000630	PTC Thermistor, Dual
R901	24946272	CC, 2700 ohm, ±10%, 1/2W
R902	24946272	CC, 2700 ohm, ±10%, 1/2W
R903	24946272	CC, 2700 ohm, ±10%, 1/2W
↑ R920		FR, 2.2 ohm, 2W
RA01	24366102	
	24366102	CF, 1k ohm
RA02	24366681	
RA04		
RA05	24366101	CF, 100 ohm
RA06	24366101	CF, 100 ohm
RA07	24366101	
RA08	24366102	CF, 1k ohm
RA09	24366103	CF, 10k ohm
RA10	24366102	CF, 1k ohm
RA11	24366472	CF, 4700 ohm
RA12	24366102	CF, 1k ohm
RA13	24366472	CF, 4700 ohm
RA14	24366102	CF, 1k ohm
RA17	24366102	•
	24366103	CF, 10k ohm
RA19		CF, 1k ohm
RA20	24366102	
RA21	24366102	CF, 1k ohm
RA22	24366103	CF, 10k ohm
RA23	24366471	CF, 470 ohm
RA24	24366102	CF, 1k ohm
RA25	24366103	CF, 10k ohm
RA27	24366392	CF, 3900 ohm
RA28	24366471	CF, 470 ohm
RA30	24366271	CF, 270 ohm
RA31	24366102	CF, 1k ohm
RA33	24366103	CF, 10k ohm
RA35	24366103	CF, 10k ohm
RA36	24366102	CF, 1k ohm
	24366102	CF, 1k ohm
RA37		CF, 15k ohm
RA38	24366153	•
RA39	24366153	CF, 15k ohm
RA40	24366473	CF, 47k ohm
RA41	24366153	CF, 15k ohm
RA42	24366473	CF, 47k ohm
RA43	24366153	CF, 15k ohm
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RA44	24366102	CF, 1k ohm

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Location No.	Part No.	Description
NO.		
RA46	24366333	CF, 33k ohm
RA48	24366153	
RA49	24366333	CF, 33k ohm
RA60	24366333	CF, 33k ohm
RA61	24360225	
RA62	24366752	CF, 7500 ohm
RA64	24946226	CC, 22M ohm, ±10%, 1/2W
RA65	24366103	
RA67	24366152 24366123	CF, 1500 ohm CF, 12k ohm
RA68		
RA69	24366823 24366153	CF, 82k ohm CF, 15k ohm
RA70 RA71	24366102	CF, 1k ohm
RA72	24366103	
RA73	24366223	CF, 22k ohm
RA74	24366223	CF, 22k ohm
RA75	24366102	
RA78		CF, 10k ohm
RA86	24366392	CF, 3900 ohm
⚠ RA97		OMF, 10k ohm, 2W
RB01	24366333	CF, 33k ohm
RB03		CF, 10k ohm
RB04	24366103	CF, 10k ohm
RB05	24366332	CF, 3300 ohm
RB06		CF, 47k ohm
RC06	24366222	CF, 2200 ohm
RC08	24366222	CF, 2200 ohm
RH01		CF, 1k ohm
RH02	24366152	CF, 1500 ohm
RH03	24366102	CF, 1k onm
RH04		CF, 1800 ohm
RH05	24366102	CF, 1k ohm CF, 1k ohm
RH07		CF, 1k ohm
RH09 RH11		
RH32	24366332	CF, 100 ohm CF, 3300 ohm
RM03		CF, 1800 ohm
RM04	24366242	CF. 2400 ohm
RM05	24366221	CF, 2400 ohm CF, 220 ohm
RM06		CF, 220 ohm
RN02	24366102	CF, 1k ohm
RN05	24366392	CF, 3900 ohm
RN08	24366103	CF, 10k ohm
RN16	24366103	CF, 10k ohm
RN17	24366473	CF, 47k ohm
RN19	24366473	CF, 47k ohm
RN20	24366152	CF, 1500 ohm
RN21	24366103	CF, 10k ohm CF, 750 ohm
RN22	24366751	CF, 750 onm CF, 5100 ohm
RN23 RN26	24366512 24366512	CF, 5100 onm CF, 5100 ohm
RN27	24366202	CF, 2k ohm
RN28	24366113	CF, 11k ohm
RN32	24366105	CF, 1M ohm
RN36	24366103	CF, 10k ohm
RN37	24366473	CF, 47k ohm
RN38	24366562	CF, 5600 ohm
RN39	24366562	CF, 5600 ohm
RN40	24366562	CF, 5600 ohm
RN41	24366152	CF, 1500 ohm
RN44	24366152	CF, 1500 ohm
RN45	24366473	CF, 47k ohm
RN46	24366103	CF, 10k ohm
RN47	24366473	CF, 47k ohm
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No.	Part No.	Description
RN48	24366103	CF, 10k ohm
RR01	24366102	CF, 1k ohm
RR06	24366471	CF, 470 ohm
RV01	24366821	CF, 820 ohm
RV02	24366102	CF, 1k ohm
RV03	24366102	CF, 1k ohm
RV04	24366102	CF, 1k ohm
RV05	24366101	CF, 100 ohm
RV06	24366101	CF, 100 ohm
RV07	24366102	CF, 1k ohm
RV08	24366102	CF, 1k ohm
RV09	24366101	CF, 100 ohm CF, 1k ohm
RV10	24366102 24366102	CF, 1k ohm
RV11	24366101	CF, 100 ohm
RV12	24366103	CF, 10k ohm
RV13	24366103	CF, 10k ohm
RV14		CF, 100 ohm
RV15	24366101 24366473	CF, 100 Offin CF, 47k ohm
RV16 RV17	24366473	CF, 47k ohm
	24366332	CF, 3300 ohm
RV18 RV19	24366222	CF, 2200 ohm
RV20	24366101	CF, 100 ohm
RV21	24366332	CF, 3300 ohm
RV21	24366332	CF, 3300 ohm
RV23	24366473	CF, 47k ohm
RV24	24552750	OMF, 75 ohm, 1/2W
RV25	24366331	CF, 330 ohm
RV26	24366391	CF, 390 ohm
RV27	24366473	CF, 47k ohm
RV29	24366472	CF, 4700 ohm
RV30	24366102	CF, 1k ohm
RV31	24366910	CF, 91 ohm
RV32	24366820	CF, 82 ohm
RV33	24366332	CF, 3300 ohm
RV34	24366473	CF, 47k ohm
RV35	24366104	CF, 100k ohm
RV36	24366104	CF, 100k ohm
RV37	24366473	CF, 47k ohm
RV39	24366910	CF, 91 ohm
RV40	24366680	CF, 68 ohm
RV41	24366103	CF, 10k ohm
RV42	24366750	CF, 75 ohm
RV43	24366510	CF, 51 ohm
RV44	24366510	CF, 51 ohm
RV45	24366510	CF, 51 ohm
RV46	24366101	CF, 100 ohm
RV47	24366104	CF, 100k ohm
RV48	24366102	CF, 1k ohm
RV49	24366102	CF, 1k ohm
RV60	24366220	CF, 22 ohm
RV61	24366220	CF, 22 ohm CF, 22 ohm
RV62	24366220	CF, 22 onm CF, 5600 ohm
RV63	24366562	CF, 5600 ohm
RV64	24366562 24366104	CF, 100k ohm
RV65 RV66	24366562	CF, 160k ohm
	24366562	CF, 5600 ohm
RV67 RV68	24366471	CF, 470 ohm
RV69	24366473	CF, 47k ohm
RV70	24366473	CF, 47k ohm
RV70	24366332	CF, 3300 ohm
	24000002	
RV72	24366103	CF, 10k ohm

Location No.	Part No.	Description	
RX02	24366102	CF, 1k ohm	
RX05	24366101	CF, 100 ohm	
RX08	24366101	CF, 100 ohm	
RX10	24366101	CF, 100 ohm	
RX13	24366102	CF, 1k ohm	
COILS &	TRANSFORME	ERS	
L101	23237987	Coil, Peaking, TRF4100AC	
L102	23262680	Coil, IF, TRF1148D	
L103	23237987	Coil, Peaking, TRF4100AC	
L104	23237987	Coil, Peaking, TRF4100AC	
L105	23238934	Coil, Peaking, TRF4109AC	
L107 L151	23237987 23262668	Coil, Peaking, TRF4100AC Coil, IF, TRF1162T	
L152	23262663	Coil, IF, TRF1157T	
L153	23262813	Coil, IF, TRF1077D	
L161	23201004	Coil, RF Choke, TRF9202B	
L162	23261985	Coil, RF Choke, TRF9221	
L181	23261985	Coil, RF Choke, TRF9221	
L201	23237974	Coil, Peaking, TRF4121AC	
L311	23103901	Coil (Ferrite Bead), TEM2017	
L315	23237987	Coil, Peaking, TRF4100AC	
L362	23211896	Coil, Choke, AT4043/60T	
L363	23211897	Coil, Choke, AT4043/100T	
L406	23103859	Coil (Ferrite Bead), TEM2011	
L411	23233097	Coil, Linearity, TLN2149G	
L414 L441	23221936 23238934	Coil, Choke, TLN3041 Coil, Peaking, TRF4109AC	
1.441 ↑ L462	23230934	DY, Supplied with V901	
L503	23237987	Coil, Peaking, TRF4100AC	
L555	23250972	Coil, 1H-Delay Matching,	
		TRF5418D	
L590	23289221	Coil, Peaking, TRF4221AF	
L601	23262680	Coil, IF, TRF1148D	
L602	23262821	Coil, Peaking, TRF4100AF	
L604	23237986	Coil, Peaking, TRF4120AC	
L651	23232942	Coil, Variable, TRF3077	
L652	23232942	Coil, Variable, TRF3077	
L801 L802	23221050	Coil, RF Choke, TLN1015	
L802 L803	23103859 23221747	Coil (Ferrite Bead), TEM2011 Coil, Choke, TRF9253D	
L803	23221747	Coil, Choke, TRF9253D	
L805	23222694	Coil, Width, TLN2026	
L806	23103859	Coil (Ferrite Bead), TEM2011	
L807	23222694	Coil, Width, TLN2026	
△ L901	23200749	Coil, Degaussing, TSB2247	
LA01	23238934	Coil, Peaking, TRF4109AC	
LA02	23221685	Coil, Choke, TLN3193	
LB01	23262778	Coil, IF, TRF1112	
LM01	23262797	Coil, IF, TRF1093D	
LM02	23250865	Coil, IF, TRF5414DA	
LM03 LM04	23250865 23262798	Coil, IF, TRF5414DA Coil, IF, TRF1092D	
LN02	23237985	Coil, Peaking, TRF4150AC	
△ T401	23224997	Transformer, Horiz, Drive,	
		TLN1027	
∆ T461	23236089	Transformer, Flyback, G4298	
⚠ T801	23211875	Line Filter, TRF3157	
∆ T803	23217074	Transformer, Converter, 47003593	
SEMICONDUCTORS			
IC101	23318437	IC, μPC1820CA	
IC303	23119142	IC, AN5521	
	20110172	,	

Location No.	Part No.	Description
IC361	23318231	IC, TEA2031A
IC408	23319203	IC, MC7812CT
IC501	B0379475	IC, TA8659AN
IC601	23318390	IC, TDA4480-2
IC660	23118327	IC, AN7178
IC667	B0356190	IC, TA7630P
IC801		IC, TDA4601
IC807		IC, L78MR05-FA
ICA01	23319152	IC, M34300-588SP
ICA02	23318482	IC, M6M80011AP
ICA04	23119441 23119139	IC, LA7910 IC, AN5862K
ICH01	B0383505	IC, TA8720AN
ICV01 Q102	23114691	Transistor, BC557A
Q102	23118980	-
Q104		Transistor, BC547A
Q161	23114689 A6708871	Transistor, 2SC388ATM
Q162	A6709971	Transistor 2SC388ATM
Q163	A6708871	Transistor, 2SC388ATM
Q201	23114689	Transistor, BC547A
Q202	23114691	Transistor, BC557A
Q203	23114689	Transistor, BC547A
Q204	A6041876	Transistor, 2SK117-GR FA-2
Q205	A6342200	· · · · · · · · · · · · · · · · · · ·
Q206	23114689	Transistor, BC547A
Q208	23114689	Transistor, BC547A Transistor, BC547A
Q362	23114689 23114689	Transistor, BC547A Transistor, BC547A
Q363 Q364	23114689	Transistor, BC547A
Q402	A678971D	
∆ Q404	23314376	Transistor, ON4408
Q406	23314229	Transistor, 2SD1378-Q
Q502	23114691	Transistor, BC557A
Q503	23114691	Transistor, BC557A
Q505	23114693	Transistor, BF871
Q506	23114689	Transistor, BC547A
Q507	23114693	Transistor, BF871
Q508	23114689	Transistor, BC547A Transistor, BF871
Q509 Q510	23114693 23114689	Transistor, BC547A
Q510	23114688	Transistor, BC327
Q516	23114689	Transistor, BC547A
Q602	23114689	Transistor, BC547A
Q603	23114689	Transistor, BC547A
Q604	A6041876	Transistor, 2SK117-GR FA-2
Q605	A6041876	Transistor, 2SK117-GR FA-2
Q606	23114689	Transistor, BC547A
Q607	23114689	Transistor, BC547A
Q608	23114689	Transistor, BC547A
Q661	23114691	Transistor, BC557A Transistor, BC557A
Q662 Q663	23114691 23114689	Transistor, BC547A
Q663 Q664	23114689	Transistor, BC547A
Q665	A6342200	Transistor, 2SC2878-A
Q666	A6342200	Transistor, 2SC2878-A
Q671	A6708871	Transistor, 2SC388ATM
Q672	A6708871	Transistor, 2SC388ATM
Q699	23114691	Transistor, BC557A
Q802	23314376	Transistor, ON4408
Q803	23314246	Transistor, 2SC2023 LF-4
Q804	A6547303	
Q805	A6325067	Transistor, 2SC2230A-Y
Q806 QA05	23114546 23114689	Transistor, BC557B Transistor, BC547A
4,00	2011-1000	

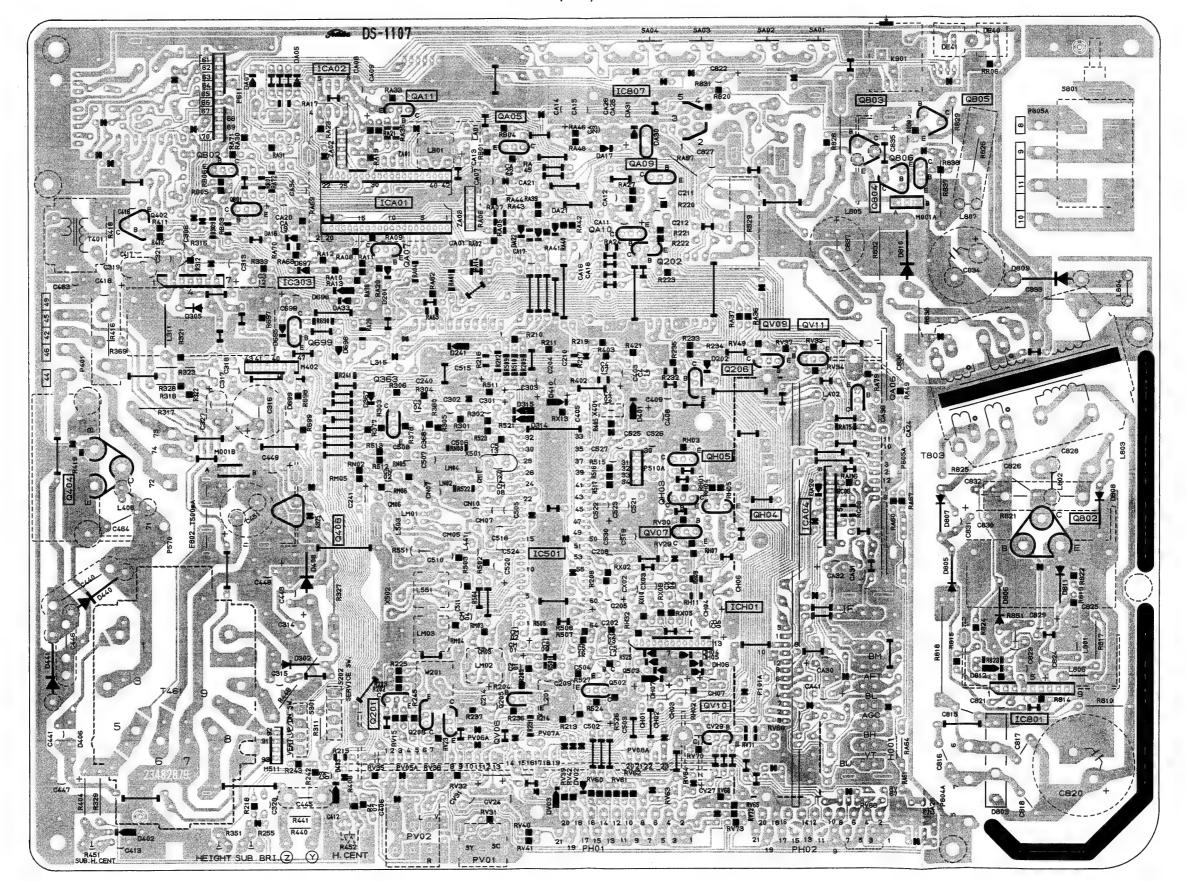
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Location	Part No.	Description
No.	. art ivo	2 de di pare i
0.400	00111000	T BOE 47B
QA06	23114632	Transistor, BC547B
QA07	23114689	Transistor, BC547A
QA09	23114691	Transistor, BC557A
QA10	23114689	Transistor, BC547A
QA11	23114546	Transistor, BC557B
QB01	23114689	Transistor, BC547A
QB02	23114689	Transistor, BC547A
QH03	23114689	Transistor, BC547A
QH04	23114689	Transistor, BC547A
QH05	23114689	Transistor, BC547A
QN08	23114691	Transistor, BC557A
QN11	A6041876	Transistor, 2SK117-GR FA-2
QN13	23114689	Transistor, BC547A
QN15	23114689	Transistor, BC547A
QN16	23114689	Transistor, BC547A
QV02	23114691	Transistor, BC557A
QV03	23114689	Transistor, BC547A
QV05	23114689	Transistor, BC547A
QV06	23114689	Transistor, BC547A
QV07	23114689	Transistor, BC547A
QV09	23114632	Transistor, BC547B
QV10	23114689	Transistor, BC547A
QV11	A6342200	Transistor, 2SC2878-A
D201	23115599	Diode, 1N4148
D202	23115599	Diode, 1N4148
D241	A7150041	Diode, 1SS104
D302	23118479	Diode, BYD33J
D305	23118479	Diode, BYD33J
D314	A7117205	Diode, Zener, 04AZ12X
D315	A7116715	Diode, Zener, 04AZ7.5Y
D361	A7117705	Diode, Zener, 04AZ20X
D362	23115599	Diode, 1N4148
D363	23118633	Diode, Zener, RD3.0ES-B2
D366	23115599	Diode, 1N4148
D367	23115599	Diode, 1N4148
D368	A7118135	Diode, Zener, 04AZ30R
D401	A7116925	Diode, Zener, 04AZ9.1Z
D402	A7117715	Diode, Zener, 04AZ20Y
D403	A7117215	Diode, Zener, 04AZ12Y
D406	23118479	Diode, BYD33J
D408	23118052	Diode, RU4Z
D409	A7117015	Diode, Zener, 04AZ10Y
D410	A7116815	Diode, Zener, 04AZ8.2Y
D440	23118995	Diode, BY228
D441	23118994	Diode, BYW95C
D593	23115599	Diode, 1N4148
D594	23115599	Diode, 1N4148
D595	23115599	Diode, 1N4148
D601	23115599	Diode, 1N4148
D660	A7117935	Diode, Zener, 04AZ24R
D696	23115599	Diode, 1N4148
D697	23115599	Diode, 1N4148
D698	23115599	Diode, 1N4148
D699	23115599	Diode, 1N4148
D803	23118173	Diode, RBV-406M-LFA
D805	23118479	Diode, BYD33J
D806	23118479	Diode, BYD33J
D807	23118479	Diode, BYD33J
D808	23118736	Diode, BYV96E
D809	23118451	Diode, RU4A
D810	23118052	Diode, RU4Z
D811	23118479	Diode, BYD33J
D812	A7116515	Diode, Zener, 04AZ6.2Y
DA05	23115599	Diode, 1N4148

Location No.	Part No.	Description
DA07	23115599	Diode, 1N4148
DA15	23115599	Diode, 1N4148
DA16	23115599	Diode, 1N4148
DA17	23115599	Diode, 1N4148
DA20	23115599	Diode, 1N4148
DA21	23115599	Diode, 1N4148
DA22	23115599	Diode, 1N4148
DA30	23115878	Diode, Zener, μPC574J(L)
DA31	23115599	Diode, 1N4148
DA33	23115599	Diode, 1N4148
DA37	23118698	Diode, Zener, 04AZ4.7X
DE40	23118969	Diode (LED), MV57124, Red
DE41	23318436	Diode (LED), MV53124A, Yellow
DH01	23115599	Diode, 1N4148
DH02	23115599	Diode, 1N4148
DH03	23115599	Diode, 1N4148
DH04	23115599	Diode, 1N4148
DH05	23115599	Diode, 1N4148
DH06	23115599	Diode, 1N4148
DH07	A7116215	Diode, Zener, 04AZ4.7Y
DN02	23115599	Diode, 1N4148 Diode, 1S2186 FA-1
DN04 DN05	A7288601 A7116305	Diode, Zener, 04AZ5.1X
DN06	A7710303 A7288601	Diode, 1S2186 FA-1
DN07	A7288601	Diode, 1S2186 FA-1
DN08	A7288601	Diode, 1S2186 FA-1
DN09	A7288601	Diode, 1S2186 FA-1
DN11	A7288601	Diode, 1S2186 FA-1
DN12	A7288601	Diode, 1S2186 FA-1
DN20	A7288601	Diode, 1S2186 FA-1
DN21	A7288601	Diode, 1S2186 FA-1
DV01	A7116915	Diode, Zener, 04AZ9.1Y
DV02	23115599	Diode, 1N4148
DV03	A7116215	Diode, Zener, 04AZ4.7Y
MISCELLANE		Fuer 2.04
↑ F801 F801A	23144896	Fuse, 2.0A Fuse Holder
↑ F802	23165102 23144876	Fuse, 0.5A
F802A	23165102	Fuse Holder
K901	23120303	Remote Sensor, IR-9109-K
P601	23367681	Plug, 8P
P661	23365432	Earphone Jack
⚠ P8 01	23176697	Power Cord
PH01	23365598	21 Pin Connector
PH02	23365598	21 Pin Connector
PV01	23365515	Jack, 4P
PV02	23365604	Jack, Phono, 3P
S202	23145542	Switch, Lever, 1C3P
S301	23145682	Switch, Lever, 1C3P Switch, Power, 2C2P
SA01	23145434 23145430	Switch, Push, 1C1P
SA02	23145430	Switch, Push, 1C1P
SA03	23145430	Switch, Push, 1C1P
SA04	23145430	Switch, Push, 1C1P
△ V901A	23902353	Socket, CRT, 10P
W201	23250870	Delay-Line, TRF2100
W661	23151199	Speaker, SPK-1267,
111111111111111111111111111111111111111		60x70mm, 8 ohm
W662	23151199	Speaker, SPK-1267,
X401	23153886	60x70mm, 8 ohm Ceramic Resonator, 503kHz, TCR1012
1		

Location No.	Part No.	Description
X501	23153979	Crystal, 4.43MHz
X502	23250950	Coil, 1H-Delay Line, DL711
Z101	A5615249	PIF SAW Filter, F1804D
Z102	23153725	Ceramic Resonator, TCR1043
Z103	23107911	Ceramic Video Trap, 5.5 to 6MHz, TCF1019
Z104	23107658	Ceramic Video Trap, 5.74MHz, TCF1052
Z201	23107925	Ceramic Video Trap, 6.5MHz, TCF1013
Z602	A5613025	L-Secam WSSF, F328EM
Z603	23107948	Ceramic Filter, 6.0MHz, SFE6.0MBF
Z604	23107855	Ceramic Filter, 5.5MHz, TCF1031
ZA01	23153741	Ceramic Resonator, TCR1029
ZA02	24000788	Resistor Block, 4700 ohmx4, 1/8W
ZV01	23107849	Ceramic Video Trap, 4.43MHz, TCF1032
PC BOARD	ASSEMBLIE	ES .
U101A	23337501	PIF Board, PB0977-1
U101B	23337502	SIF Board, PB0977-2
U101C	23337503	A/V Board, PB0977-3
U902A	23337504	Main Board, PB0978
U903A	23336921	CRT Drive Board, PB0158-1
U903B	23336922	Power Board, PB0158-2
U903C	23336923	DPC Board, PB0158-3
U903D	23336924	Audio Board, PB0158-4
U903E	23336919	Headphone Board, PB0156-4
PICTURE TU	JBE	
∆ V901	23312379	Picture Tube, A59ECY13X31
TUNER		
H001	23121626	Tuner, VHF/UHF, EG449
REMOTE H		
K902	23120357	Remote Hand Unit, CT-9475
AT01	23304487	Upper Case
AT02	23300919	Lower Case
AT03	23300920	Battery Cover
AT04	23300921	Filter
ST01	23304488	Rubber Sheet
UT01	23336217	PC Board, PW9933
ZT01	23153736	Ceramic Resoantor, CSB455EB20
		COBAGGEDZO

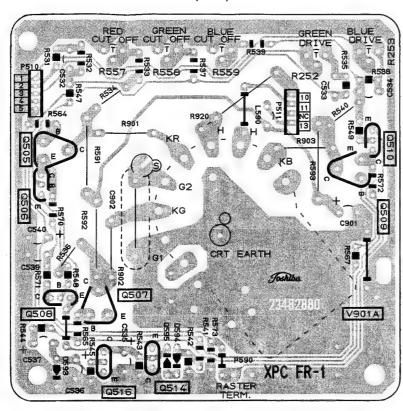
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INTENTIONALLY LEFT
BLANK.

MAIN BOARD PB0978



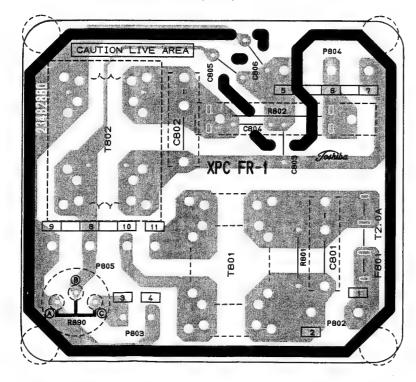
CRT DRIVE BOARD PB0158-1

BOTTOM (FOIL) SIDE



POWER BOARD PB0158-2

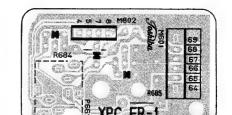
BOTTOM (FOIL) SIDE

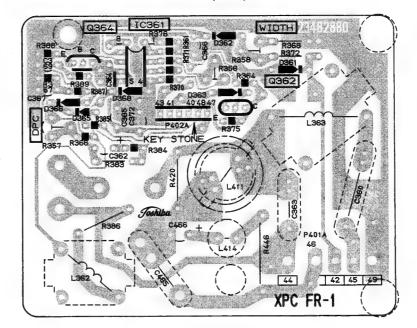


DPC BOARD PB0158-3

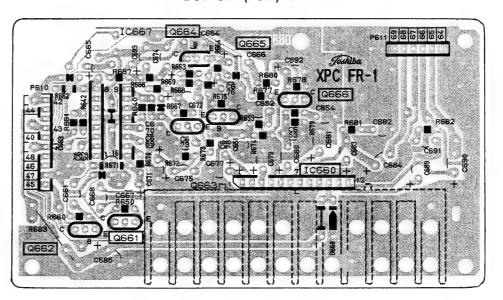
BOTTOM (FOIL) SIDE





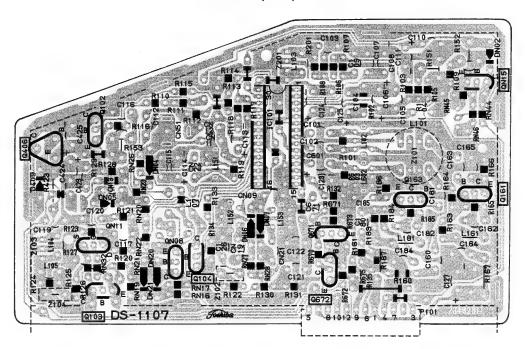


AUDIO BOARD PB0158-4

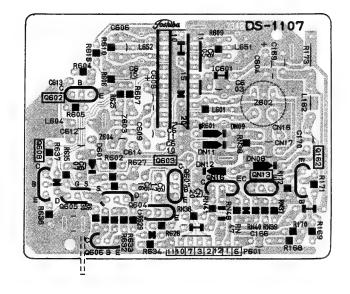


PIF BOARD PB0977-1

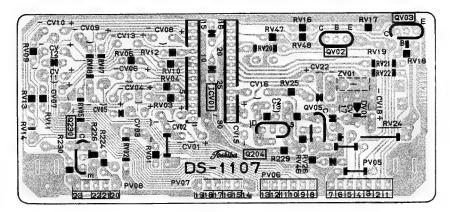
BOTTOM (FOIL) SIDE



SIF BOARD PB0977-2



A/V BOARD PB0977-3



TERMINAL VIEW OF TRANSISTORS

1 BC327 BC337 BC547A BC547B BC547C BC557A BC557B BC556A



2SK30ATM 2SK117



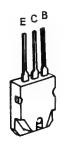
3 BD202



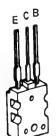
BF871 4 2SD553 2SC1569



(5) 2SC3678 2SC3182N



6 2SD1427 2SD1432



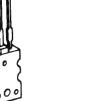
7 2SC2482 2SA1321 2SC2230 2SA1020 2SC2655 2SC752GTM

2SC388ATM 8 2SA1015 2SC1959 2SA562TM



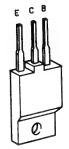






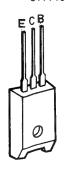




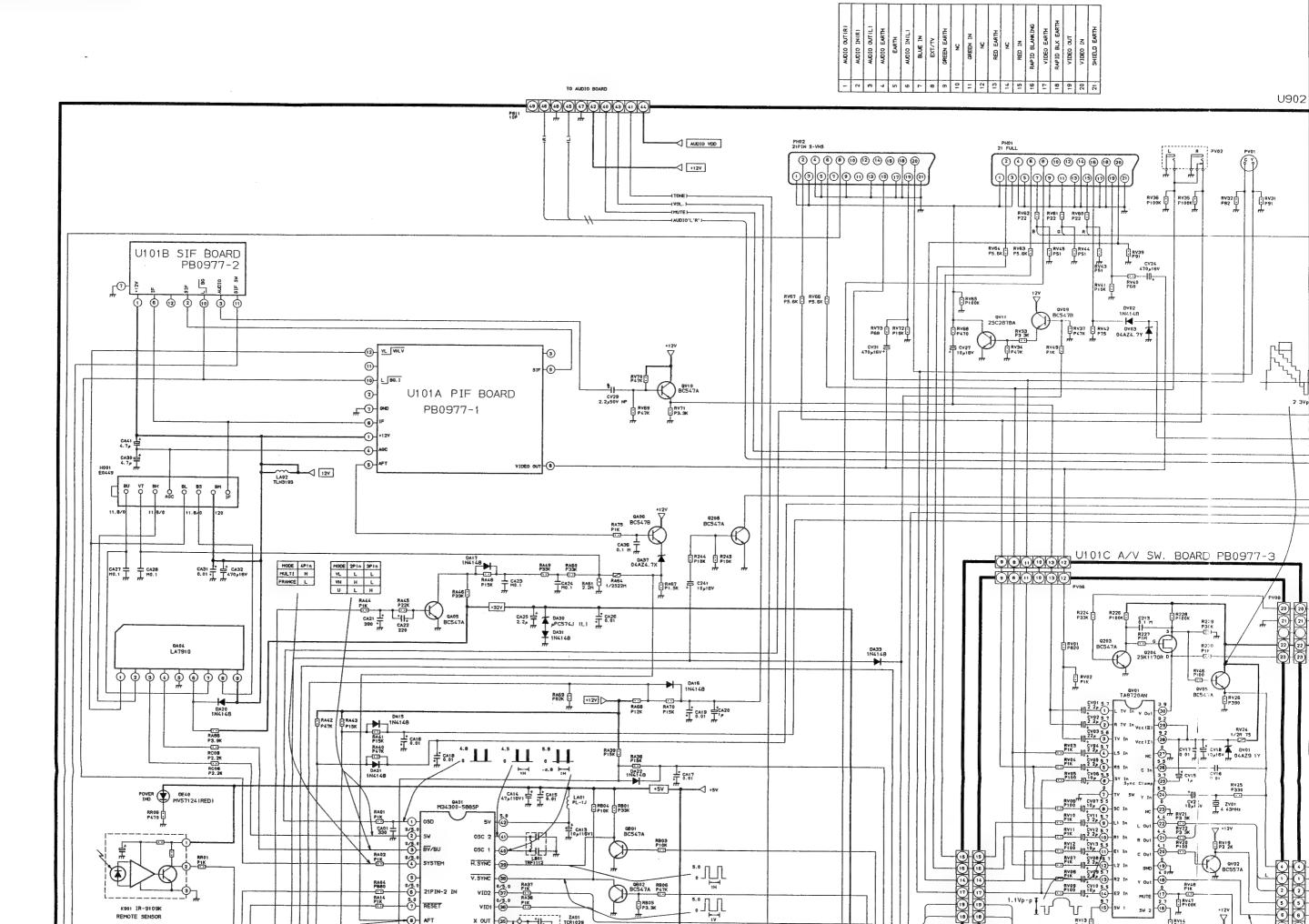


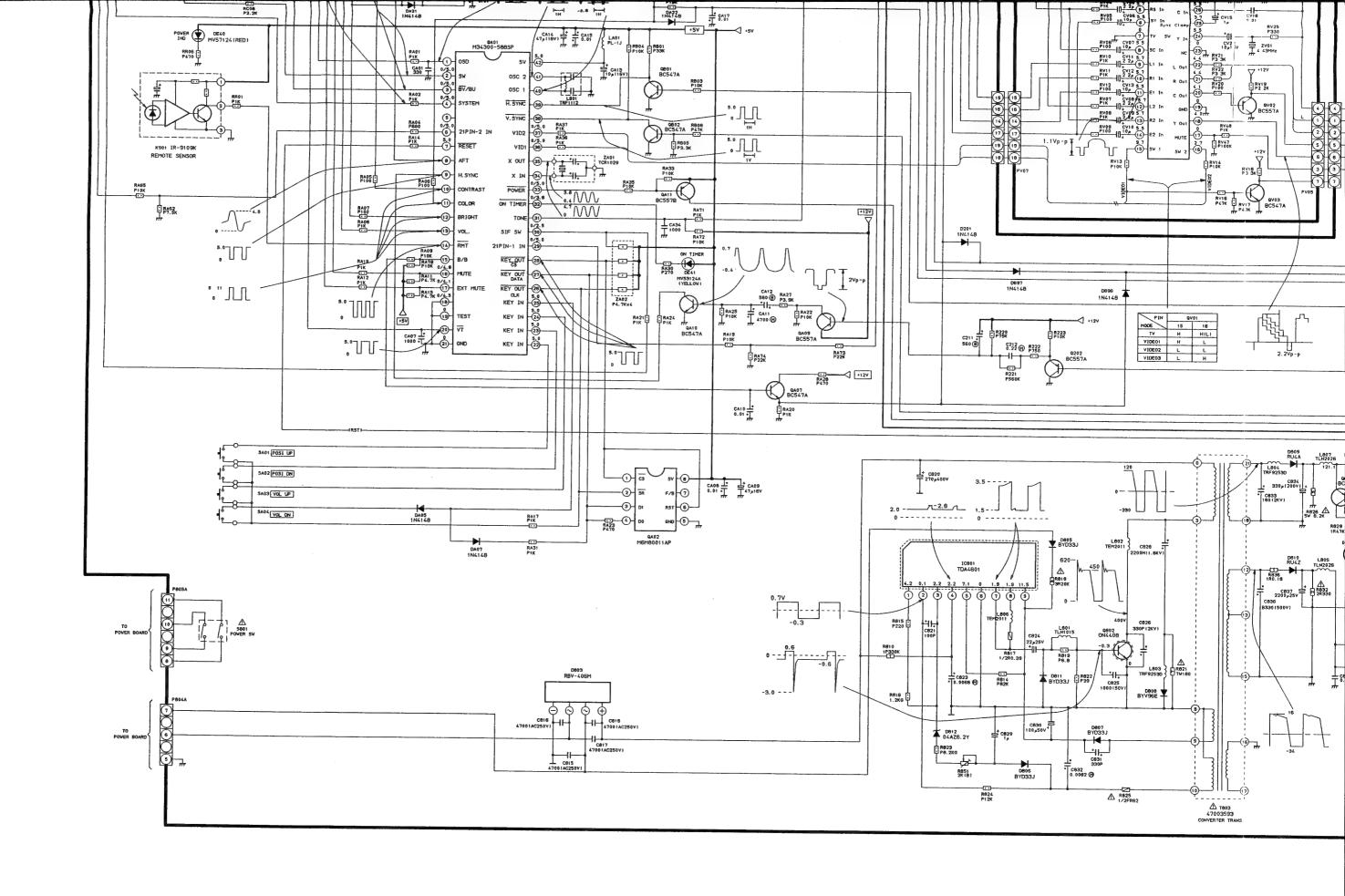


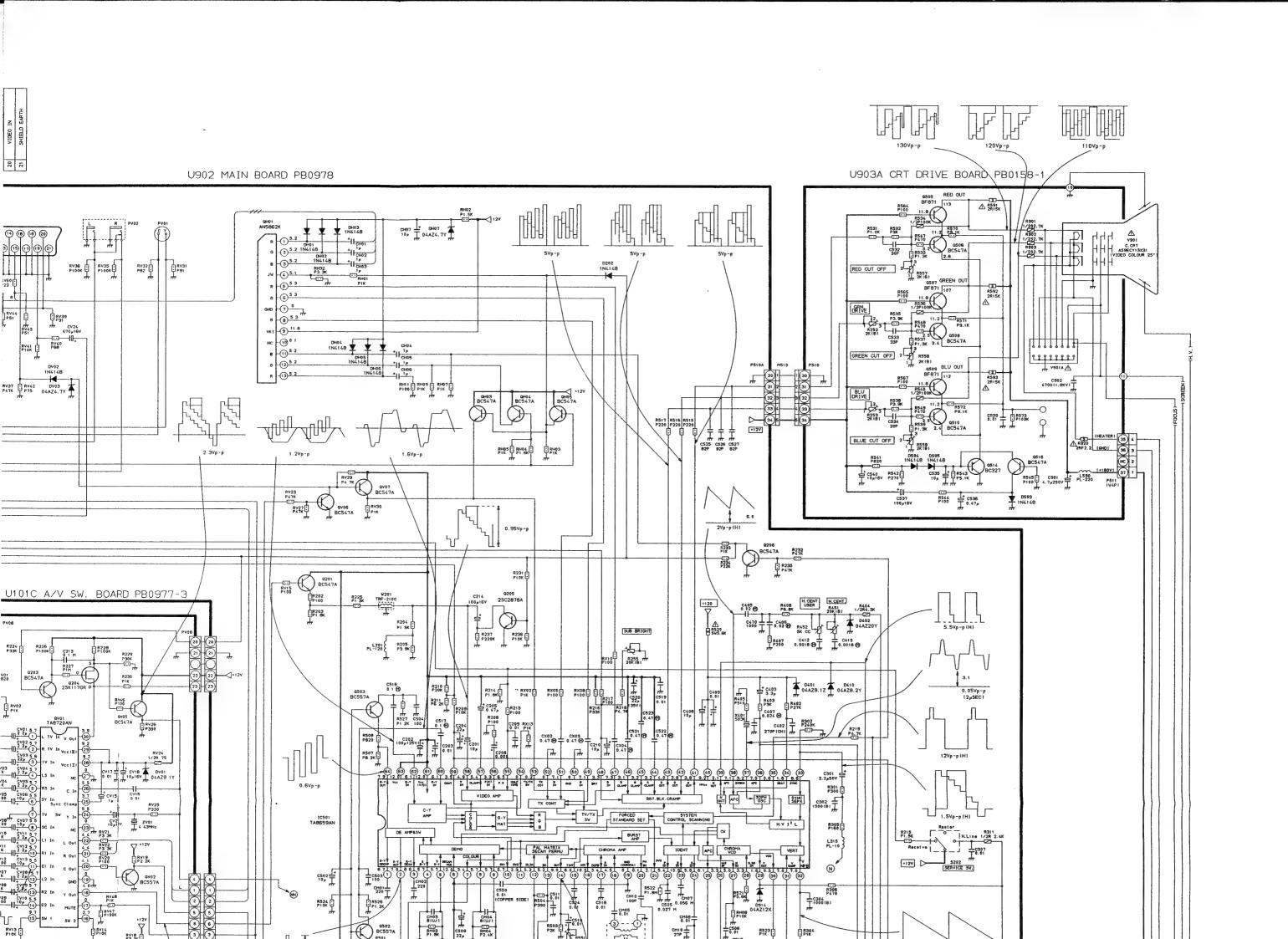
1 ON4409 ON4408

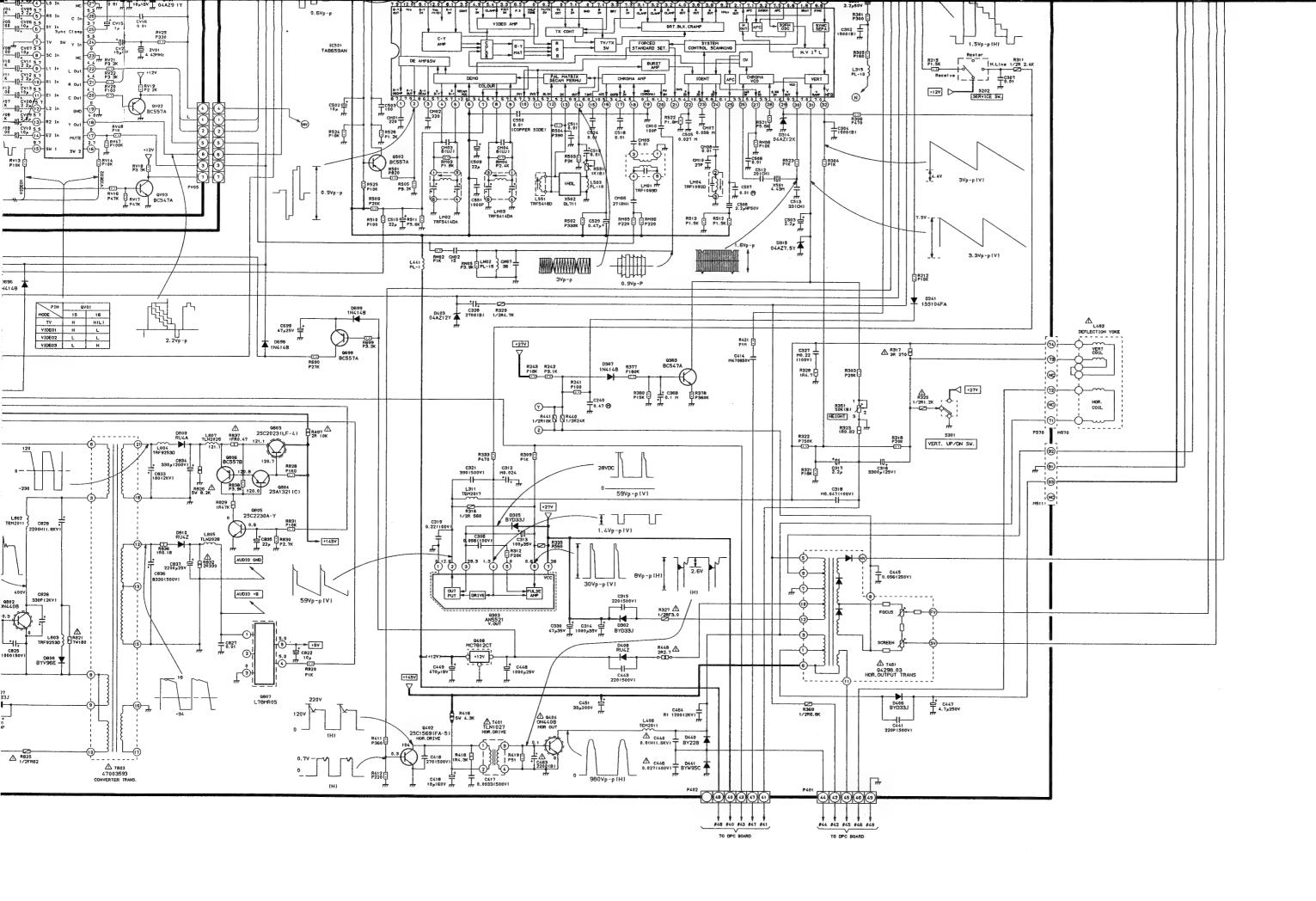


MEMO	
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2502SFT

SCHEMATIC DIAGRAM (2/2)

IMPORTANT SAFETY NOTICE

Component marked with the International Hazard Symbol must, if changed, be replaced by an approved type and must be mounted as the original. This will ensure that the safety standards adhered to during manufacture will be maintained following any servicing procedure.

OBSERVATION OF VOLTAGES AND WAVEFORMS

- 1. Voltage readings were obtained using a high impedance digital voltmeter.
- (-) or ground lead of instruments should be connected to the ground marked (1) in the shematic on checking Non-isolated circuit surrounded by mark but should be connected to the points marked (1/11) on checking isolated circuit.
- 3. The voltage readings may vary as much as ±20%.
- Check that the Tuning, A.F.C., Brightness, Contrast and Colour controls are adjusted for the best picture, making sure that the Contrast, Brightness and Colour controls are set near to their mid-positions.
- The waveforms were taken using a standard colour bar signal and were observed using a wide band oscilloscope via a low capacity probe.

NOTES

1. This circuit diagram is subject to change without notice

EXPRESSION

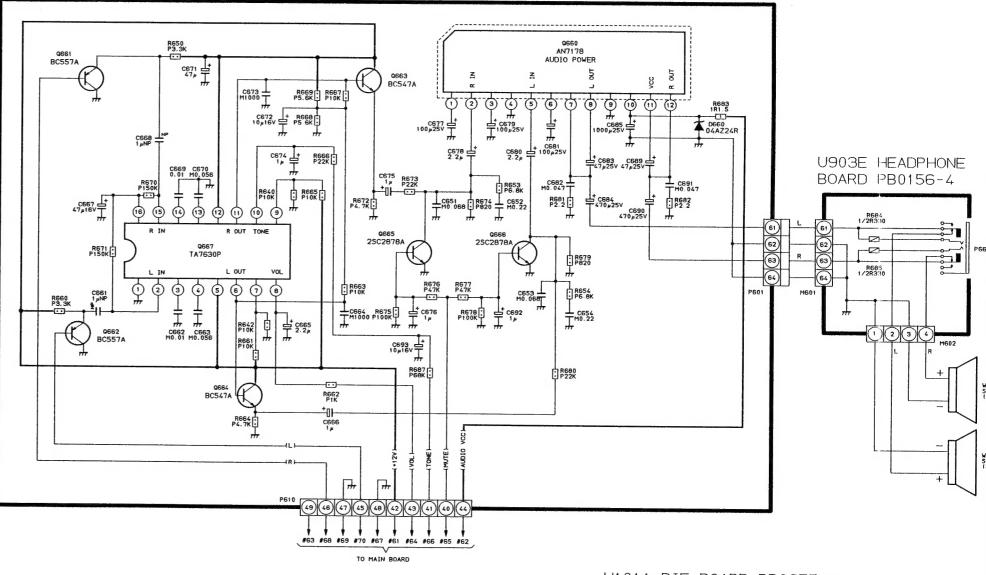
VALUE OF RESISTOR, CAPACITOR and INDUCTOR

- 1. Resistance is shown in ohm, k=1,000, M=1,000,000.
- Unless otherwise noted in schematic, all capacitor values less than 1 are expressed in µF and the values more than 1 in pF.
- 3. Unless otherwise noted in schematic, all inductor values more than 1 are expressed in µH, and the values less than 1 in H.

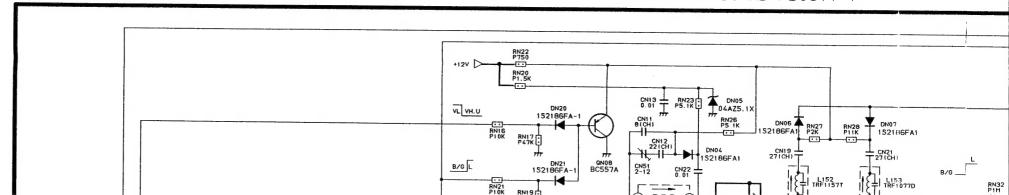
GROUNDING SYMBOL

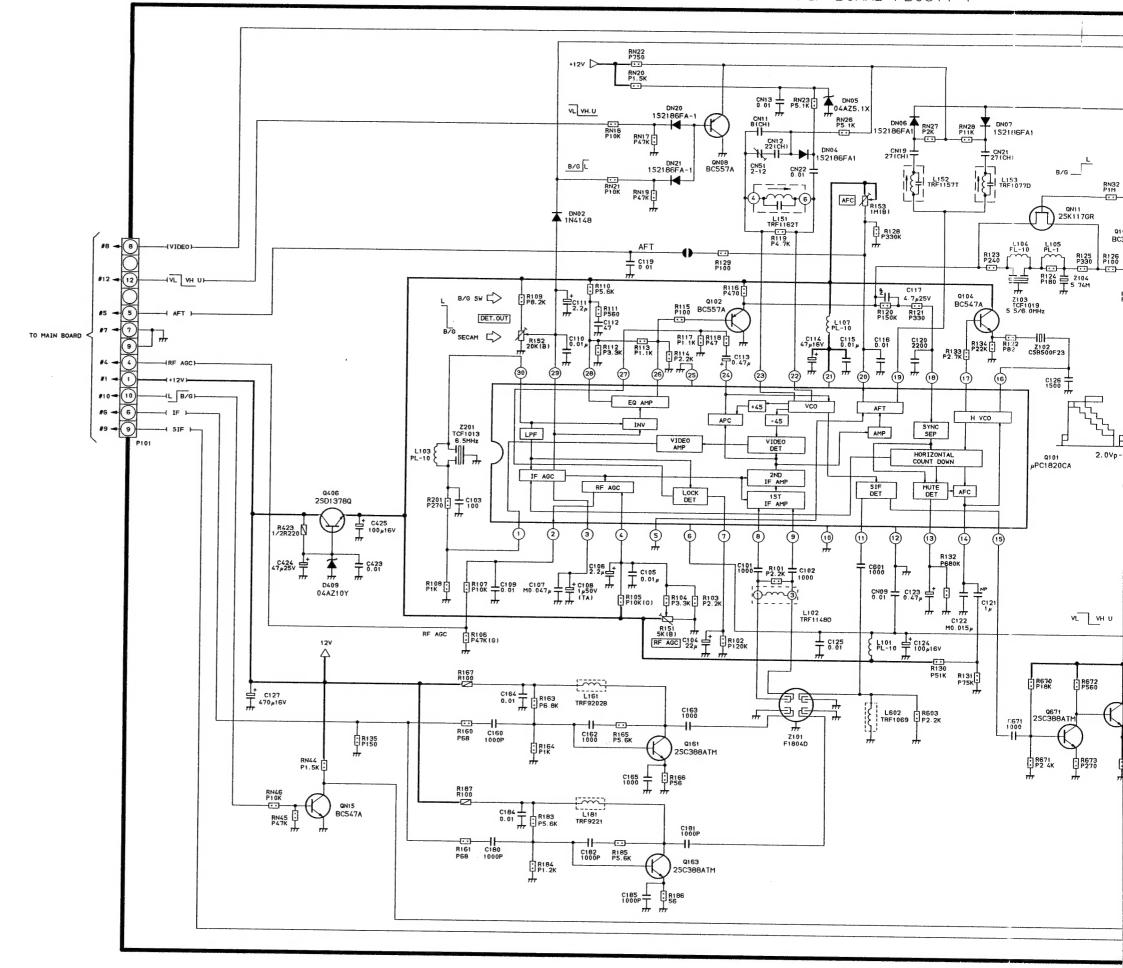
1. 1: Non isolated ground, 🗼 : Isolated ground.

U903D AUDIO BOARD PB0158-4



U101A PIF BOARD PB0977-1





notice.

values less than 1 are expressed in alues more than 1 are expressed in

RESISTORS

Prefixed to values:

Pretixed to values:				
MARK				
S				
R				
Р				
w				
NO MARK				
FR				

TYPE	MARK
Carbon Comp.	S
Oxide Metal Film	R
Ins. Carbon Film	Р
Wire Wound	w
Cement covered W.W.	NO MARK
Fusible Res.	FR

Suffixes to values:

MARK				
(F)				
(G)				
ffixes to VR values:				

Suffixes to VR values:				
LAW	MARK			
Linear	(B)			
C' Curve Characteristic	(C)			

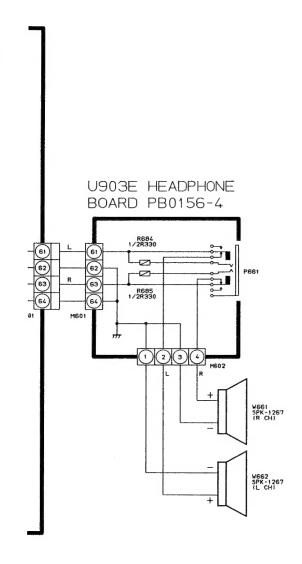
Rating Markings:

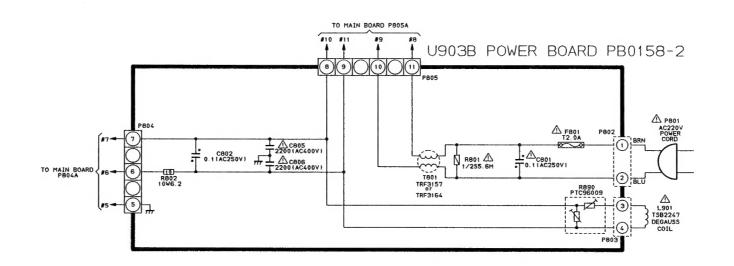
		 	,
WATTAGE	MARK	WATTAGE	MARK
1/6W		3W	3
1/4W		5W	
1/400		10W	-[10]-
1/2W		15W	-[15]-
1 W	<u>-</u>	20W	- 20 -
2W	-[2]	25 W	

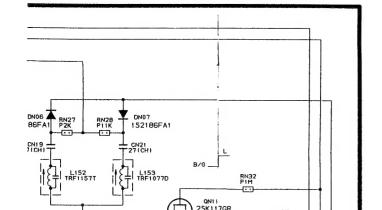
CAPACITORS

Rating Markings:

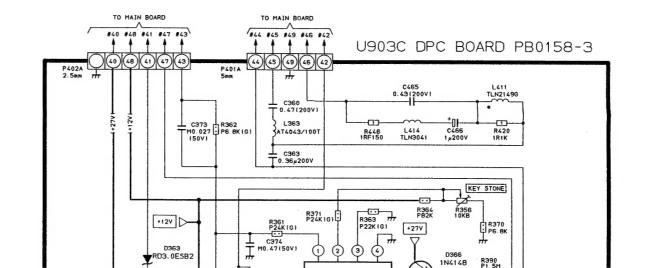
Mating warkings.			
Туре	Mark		
Ceramic Disc 50V Only	41-		
Electrolytic	+11 ⊩ +11 ⊩		
Electrolytic Non-Polar	-{} [} -{} []		
Variable Capacitor	#		
Other	41-		

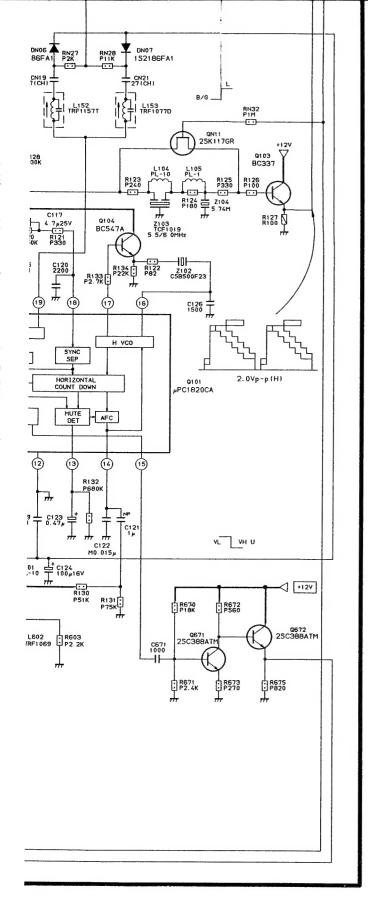


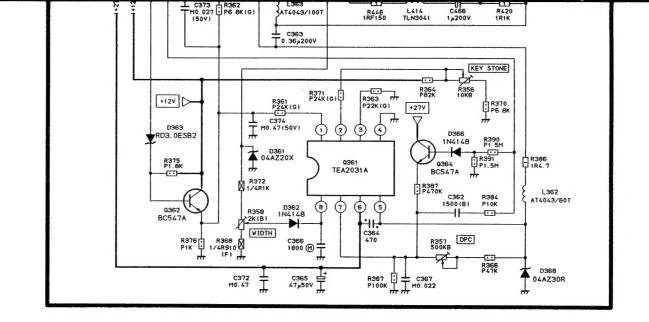




PB0977-1







U101B SIF BOARD PB0977-2

